DA PAMPHLET 750-38

IMPROVED

RTMENT OF

TM 38-750

ARMY TECHNICAL MANUAL

ARMY EQUIPMENT RECORD PROCEDURES

15 JAN 64

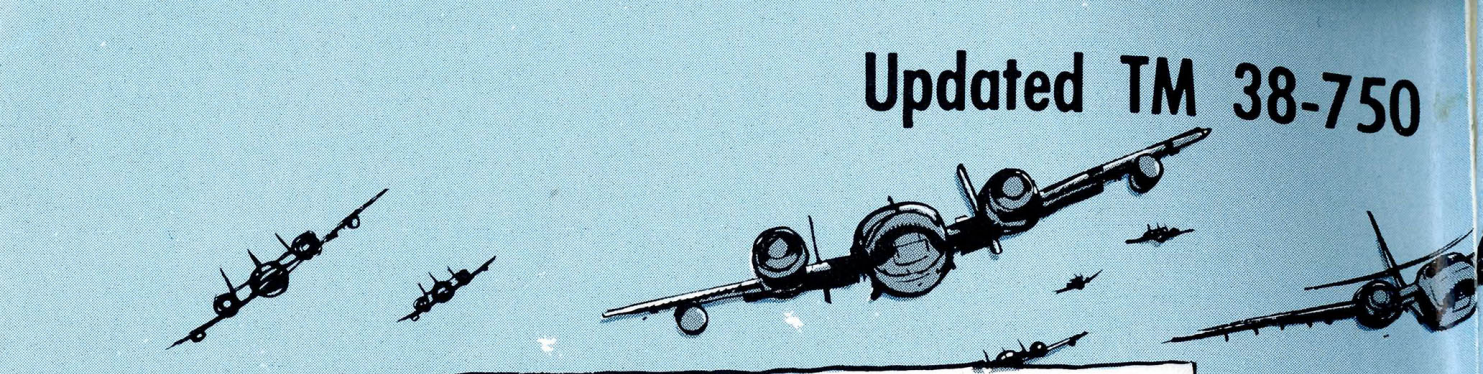
HEADQUARTERS, DEPARTMENT OF THE ARMY

THIS PAMPHLET SUPERSEDES DA PAM 38-750, 10 OCT 1962

HEADQUARTERS, DEPARTMENT OF THE ARMY
WASHINGTON, D.C.

25 August 1964

Updated TM 38-750



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What's Changed? 2
Your Form Chart 3
Find Your Category 4

COMBAT VEHICLES 200000

On-the-go (Operation) 5
Have-a-Care (Maintenance) 8
This is Your **Equipment** Life (History) 30

OR *OPERATIONAL RECORDS*

MR *MAINTENANCE RECORDS*

HR *HISTORICAL RECORDS*

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Hot "Rods" and Heavyweights 58

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COMMENTS OR RECOMMENDATIONS ON THIS PUBLICATION SHOULD BE FORWARDED DIRECT TO: PRESIDENT, US ARMY MAINTENANCE BOARD, ATTN: EDITOR, PS MAGAZINE, FORT KNOX, KENTUCKY 40121.

By Order of the Secretary of the Army:

HAROLD K. JOHNSON,
General, United States Army,
Chief of Staff.

Official:

J. C. LAMBERT,
Major General, United States Army,
The Adjutant General.

Distribution: Active Army, NG and USAR: To be distributed in accordance with DA Form 12–9 requirements for Legistics, General–A.

Updated TM 38-750 Helps Get Your . . .

EQUIPMENT READY FOR COMBAT

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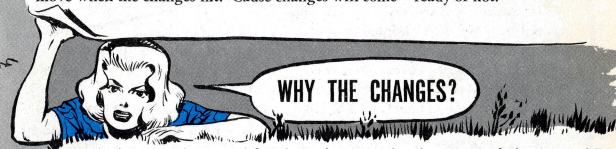
There's more than one way to get ready and stay ready. Depends on what you want to be ready for.

One way's to keep in shape for a change in plans.

Another way's to take a nap—like ol' Rip van Winkle—and wake up in the middle of confusion and chaos. About the **best** you can hope for from this kind of "readiness" is to find yourself up the creek with only your hands for paddles.

A much better way to stay ready is to **plan your changes** so you're ready for any move when the changes hit. 'Cause changes will come—ready or not.



It's the men who **are** ready who've been turning in suggested changes to TM 38-750 (1 May 62)—the TM which, two years ago, put most Army equipment under one records control system.

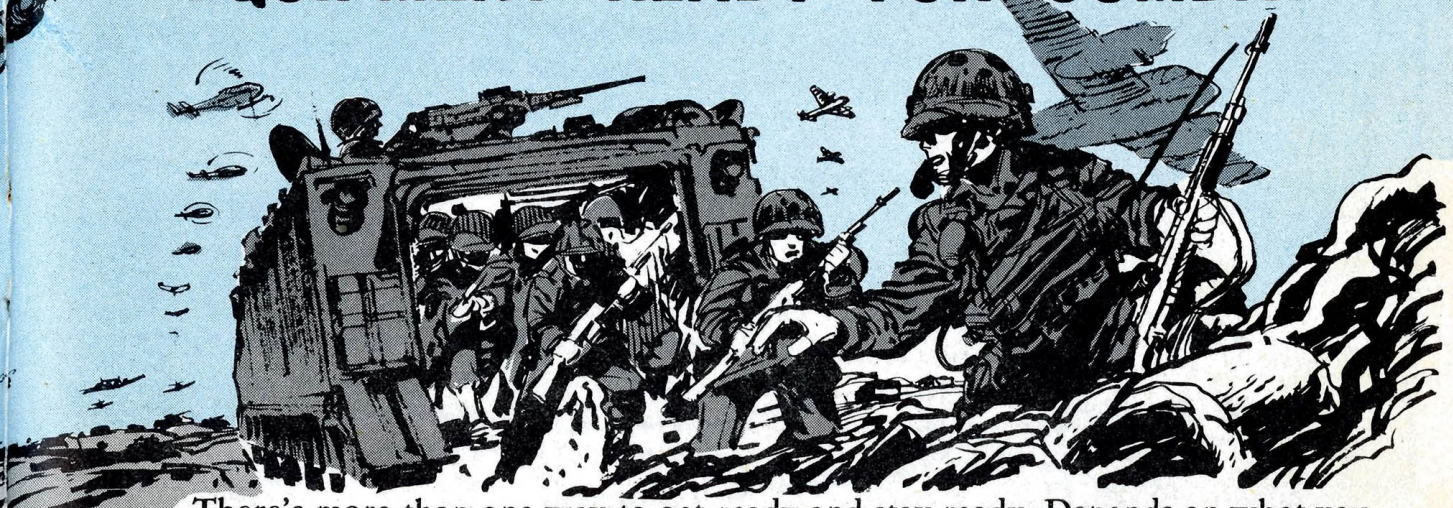
Now that the shakedown's completed, a revised TM 38-750 (15 Jan 64) has rolled off the press.

Some record forms are being deleted—others are being added. This two-way switch is not just a whim. It's to corral the maintenance info that's known to be needed for **almost all** Army equipment on the fewest forms.

Almost all? Yep, there're still a few items specifically exempted from the TM 38-750 system. These are: Repairs and utilities installed equipment, industrial production equipment, and equipment procured with non-appropriated funds. Except for these items, the TM covers all Army equipment.

Helps Get Your . . .

EQUIPMENT READY FOR COMBAT



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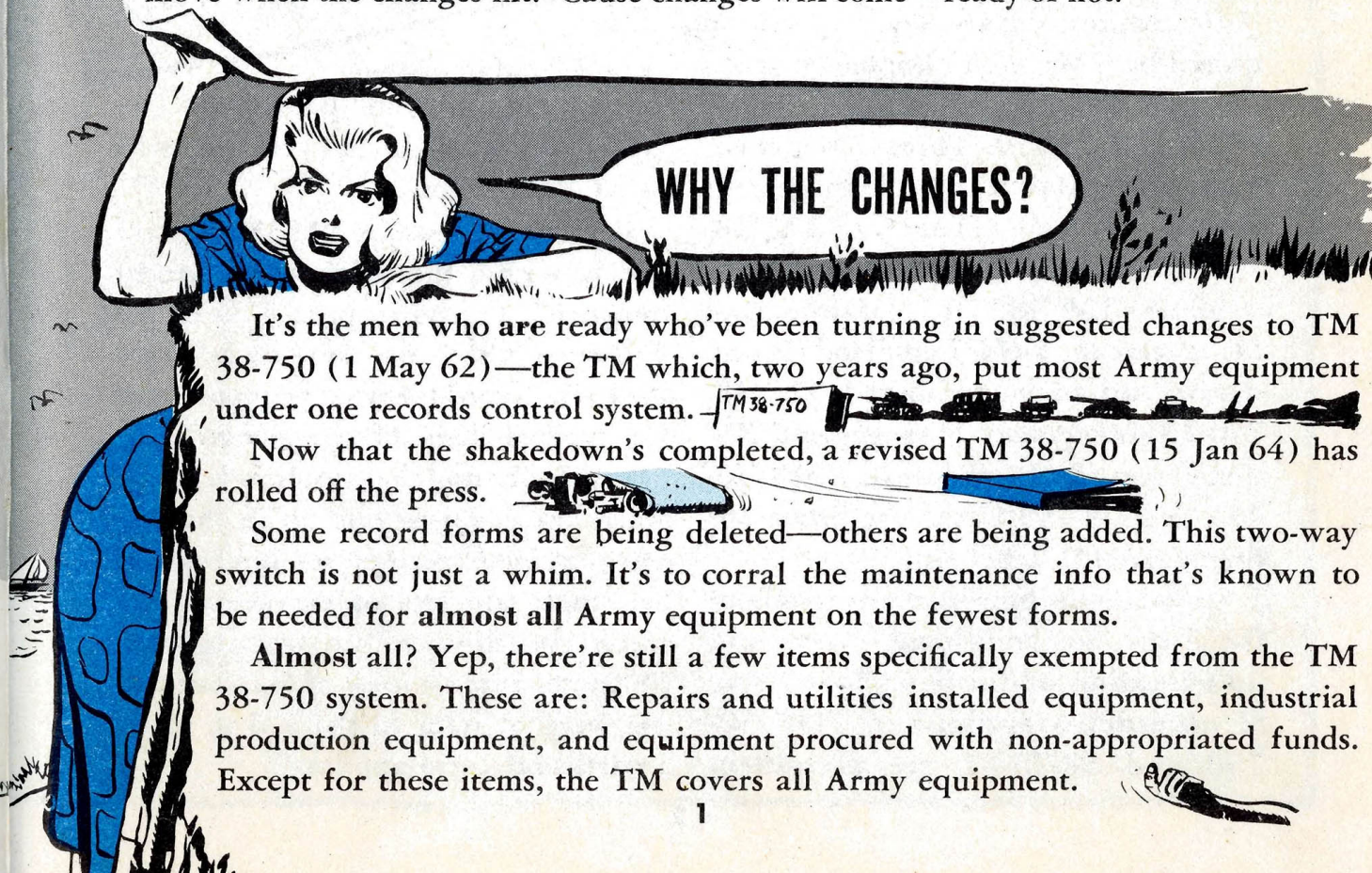

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WHAT'S CHANGED

Here are the major changes introduced in the revised TM 38-750:

a. Records for control of aircraft engines, specific aircraft components, recoverable combat vehicle engines, and selected recoverable missile components. Calibration scheduling and accomplishment reporting. Ammunition, rail, marine and administrative use motor vehicles also are brought under the system.

b. Army equipment is grouped into primary categories, instead of the technical service groups in the first edition of TM 38-750. The eight primary categories are Weapons, Combat Vehicles, Tactical and Support Vehicles, Electronics and Communication, Aircraft, Missiles, Special Purpose Equipment and Ammunition.

c. Use of codes for recording information on forms is expanded to aid in machine processing and to speed data on its way to applicable commands and national agencies.

d. More equipment has been added to the reportable items list (Appendix III of the TM) on which feedback information is required. Para 4-26 of the TM is your score card for Equipment Log Books and their DA Form 2400 series inserts.

Procedures, records and reports required by TM 38-750 implement policies laid down by AR's 750-1, 750-5, 750-8 and 750-10. Three TM's cover The Army's Maintenance Management System. They are TM 38-750 (Army Equipment Record Procedures), TM 38-750-1 (Maintenance Management, Field Command Procedures) and to be published TM 38-750-2 (Maintenance Management, National Agency Procedures). TM's 38-750 and 38-750-1 are the word for organizational echelons.

To maintain uniformity throughout the Army, **no additional forms and no alteration of forms** or **by-passing of procedures outlined in TM's 38-750 and 38-750-1 are permitted.** With these forms and procedures, like with the equipment, you go with what you've got.

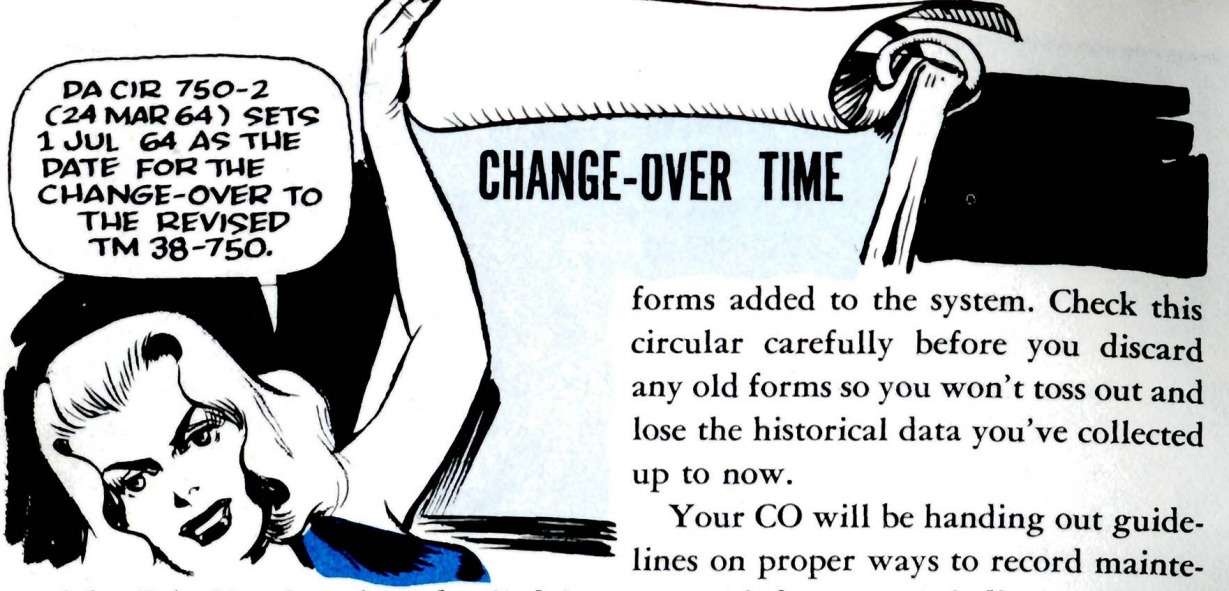
Records required by TM 38-750 vary widely within the primary equipment categories. Charts in para 4-26 of the TM have X's in the columns to show the exact record forms to be maintained for affected items of equipment.

Here's a handy chart to show how the other record forms line up in the primary equipment categories. But remember, there are lots of exceptions and special conditions within the categories. The notes explain most of 'em, but you still need to refer to the TM to see if a particular form applies.

[1] Optional. May use log book for dispatch instead.
[2] As required by Para 3-6 and Appendix III of TM 38-750.
[3] Engines only.
[4] As required by Para 3-8 of TM 38-750.
[5] As indicated in Para 5-10 of TM 38-750.
[6] Floating equipment (Items in 750000 Category and items installed thereon).

		Operational Records (Required for Self-Powered and Towed-Type Equipment—Except Aircraft and Floating Equipment. Optional with CO for Others)					Maintenance Records									Historical Records	Calibration Records			Ammunition Records			Floating Equipment Records								
		DA Form 348	SF 46	DA Form 2400	DA Form 2401	SF 91	DA Form 2402 (As needed)	DA Form 2404	DA Form 2405 (As needed)	DA Form 2406	DD Form 314 (As needed)	DA Form 2407 (As needed)	DA Form 2407-1 (As needed)	DA Form 2410	DA Form 2410-1	Log Book or Consolidated Log as indicated in Tables in Paragraph 4-26 of TM 38-750	DA Form 2416 (As needed)	DA Form 2417 (As needed)	DA Label 80 (As needed)	DA Form 2413	DA Form 2414	DA Form 2415	DA Form 55-26	DA Form 55-27	DA Form 55-28	DA Form 55-29	DA Form 55-30	DA Form 55-31	DA Form 55-145	DA Form 55-186
100000	WEAPONS	x	x	x[1]	x	x	x	x	x	x[2]	x	x	x			x	x	x	x											
200000	COMBAT VEHICLES	x	x	x[1]	x	x	x	x	x	x[2]	x	x	x	x[3]		x	x	x	x											
300000	TACTICAL & SUPPORT VEHICLES	x	x	x[1]	x	x	x	x	x	x[2]	x	x	x			x	x	x	x											
400000	ELECTRONICS & COMMUNICATIONS	x	x	x[1]	x	x	x	x	x	x[2]	x	x	x			x	x	x	x											
500000	AIRCRAFT						x	x	x	x[2]	x	x	x	x[4]	x[4]	x	x	x	x											
600000	MISSILES	x	x	x[1]	x	x	x	x	x	x[2]	x	x	x	x[4]		x	x	x	x											
700000	SPECIAL PURPOSE EQUIPMENT	x	x	x[1]	x	x	x	x	x	x[2]	x	x	x			x	x	x	x				x[6]	x[6]	x[6]	x[6]	x[6]	x[6]	x[6]	x[6]
800000	AMMUNITION											x	x			x[5]				x	x	x								

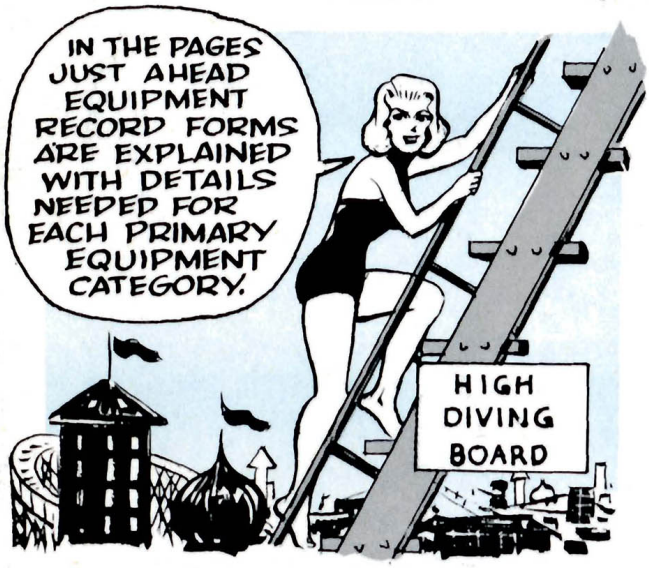
CHANGE-OVER TIME



The DA Circular gives detailed instructions on how to handle each of the new or revised forms, including poop on which forms are new, revised, or forms added to the system. Check this circular carefully before you discard any old forms so you won't toss out and lose the historical data you've collected up to now.

Your CO will be handing out guidelines on proper ways to record maintenance info, on periodic review of maintenance records to pinpoint trouble spots, and on carrying forward any data needed to the new forms.

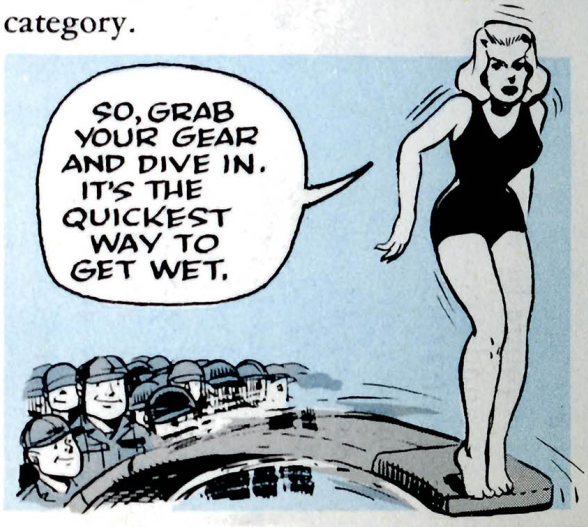
FOLLOW THE EQUIPMENT CATEGORY



The first section covers forms required for Combat Vehicles. **In most cases,** forms are filled in the same way when used for other categories of equipment where they apply.

But to help you sort out the differences, there's also a section for each of the **other** primary categories. These sections give you the word on what to do (1) if a form's used in a different way than for Combat Vehicles or (2) if a form's required for that category but not for Combat Vehicles.

So follow this rule of thumb: If there are no special forms and no special uses for a form used on equipment in your category, just follow the **general** rules in the Combat Vehicle section. If there're special rules or special forms that apply, you'll find 'em in the section for that particular primary equipment category.



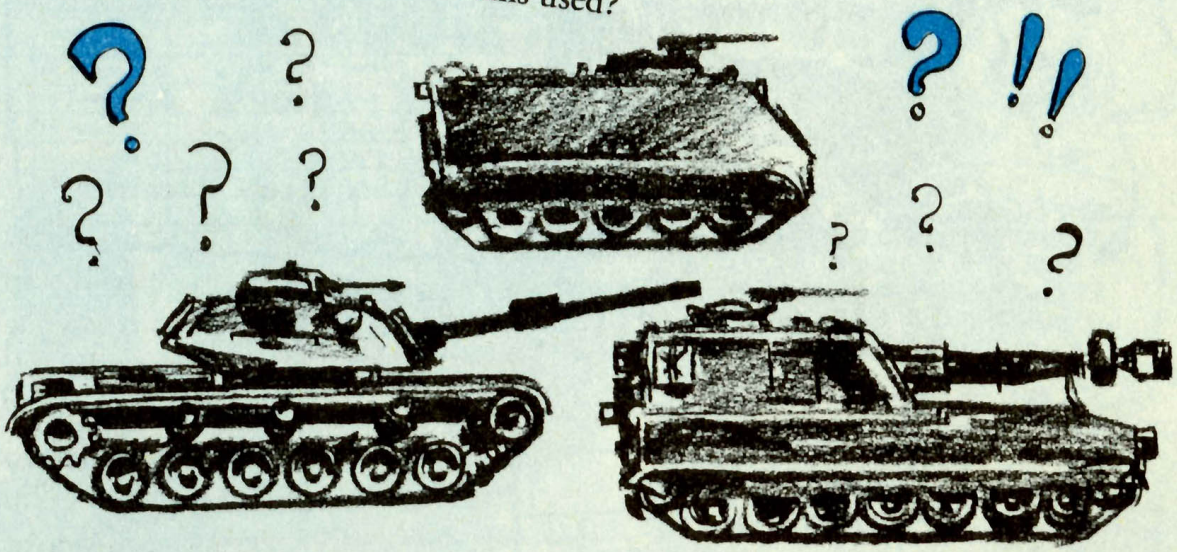
COMBAT VEHICLES

200000 FORMS . . . FORMS . . . FORMS . . .

Which forms are used on what piece of equipment?

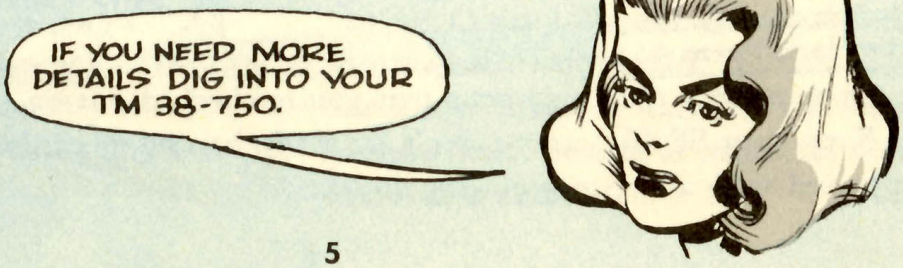
How are the forms used?

When are the forms used?



All these questions have answers; some are long, some are short. The following pages cover most of the answers on combat vehicle forms; if you need more details than given, then dig into your copy of the new TM 38-750.

Combat Vehicles means all major items that fall within the 200000 primary equipment category; here are the forms needed for their Operation, Maintenance, Historical Records and Calibration Records:



PASSPORT NO. 348

DA Form 348 could be your passport to a better and more interesting tour in the Army. When your Equipment Operator's Qualification Record is made out, be sure all your qualifications are listed. You will continue to use the 348 "Driver's Qualification Record" until the stock is exhausted. The new title will be on the next reprint of the forms.

The 348 should list every piece of equipment that you're qualified to run. This includes military and civilian operating experience on sedans, trucks, tanks, tractors, power shovel cranes, radio/transmitters, generators, movie projectors, graders, snow-plows, compressors, water purification equipment and so on.

Get it all down there on the form, then you'll be sure to wind up in the driver's seat wherever you go.

NAME (Last, first, initial) AND SERVICE NUMBER
Engstrom, Charles W.
RA 35690139

NUMBER Z-69-63
TYPE Standar

SEX	HEIGHT	WEIGHT	COLOR HAIR	COLOR EYES	POSITION TITLE (If
M	5' 10"	165	Black	Brown	N/A

SECTION I - OFFICIAL QUALIFICATIO

TYPE OF EQUIPMENT	SIZE	SPECIAL QUALIFICATION	DATE QUALIFIED
Sedan	5 Pass	none	4 December 63
Truck 6x6 (all)	up to 5-ton	none	4 December 63
Tank, M48 series	(all)	none	5 December 63
Generator, Elec	1.5KW	See Sec. III	8 December 63
High Pressure Air Compressor		See Sec. III	8 December 63

OR OPERATOR'S BADGE

RESTRICTIONS

QUALIFIED TO OPERATE

TYPE VEHICLE AND/OR EQUIPMENT	CAPACITY	QUALIFYING OFFICIAL
Sedan	5P	S. E. Nelson
Truck 6x6, (all)	2½ & 5-ton	S. E. Nelson
Tank, M48 & M60	N/A	S. E. Nelson

OTHER RECORDS (OPTIONAL)

Generator, Elec 1.5KW	T. W. Black
Water Purification Unit 3000 gal elec	T. W. Black
Tractor FT D-8, 9A-series	T. W. Black

U. S. GOVERNMENT PRINTING OFFICE 16—72226-1

Standard Form 46 (

Operate only the equipment that you're checked out on.

Keep your SF 46 current; don't let it run beyond its expiration date and keep it posted with all your operating abilities.

OR STANDARD FORM 91

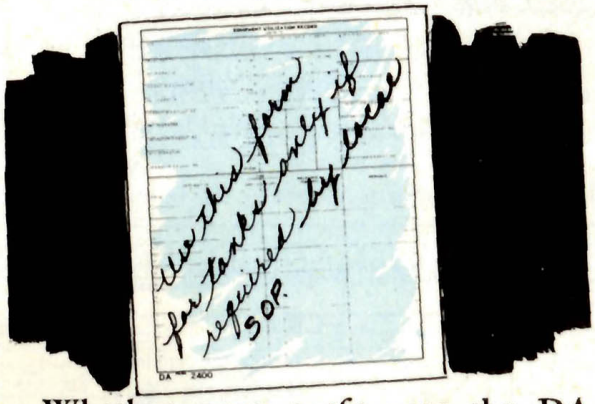
This is one of the forms you've got to have aboard your mobile equipment at all times. It's best use is when you don't have a need for it. The Operator's Report of Motor-Vehicle Accident is like a life insurance policy . . . good to have around but not too pleasant to use.

You use this form for the "On The Spot" write-up if ever you have an accident with any Army equipment.

Every detail counts when filling in SF 91.

OR EQUIPMENT USE

DA Form 2400



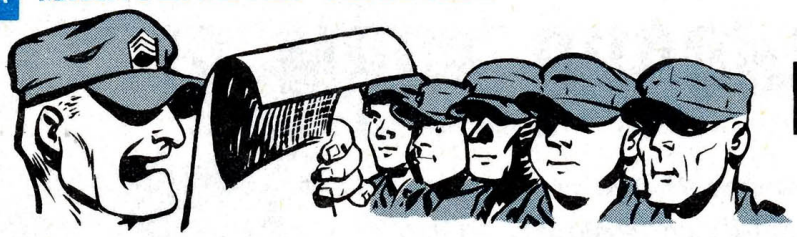
Whether your outfit uses the DA Form 2400 for gathering extra operational info depends on your local SOP.

Using the Equipment Utilization Record for equipment that's in the Combat Vehicle category is not a must. Your local requirements for additional operational information regulates its need.

If you're to use the 2400 when operating your combat vehicles then follow the outline that's given on page 46.

DA Form 2401

Using DA Form 2401 the Organizational Control Record for Equipment to dispatch your tanks, self-propelled artillery, armored carriers and other combat type vehicle is much the same as it was before.



PM SCHEDULE/

When it comes to keeping a PM roster on your Combat Vehicles, the PM roster known as DA Form 2403 is as dead as ol' man Mose.

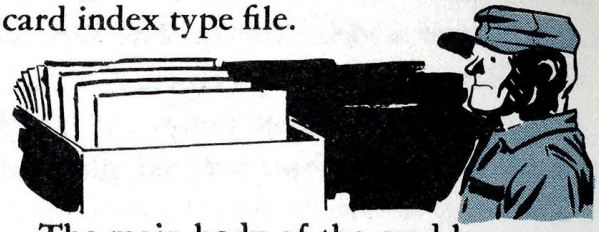
The Preventive Maintenance Schedule and Record (DD Form 314) has taken over . . . lock, stock and barrel.

You use the 314 schedule card for your Lubrication (L), Quarterly (Q) or Semi-annual (S) maintenance services and any Calibration (C) or Test (T) on all your pieces of equipment.

One card is made out for each item in the equipment category.

Whether you use the top or bottom of the card depends on the type of filing system you use.

The top is for the stand-up shoe box type file and the bottom suits the visible card index type file.

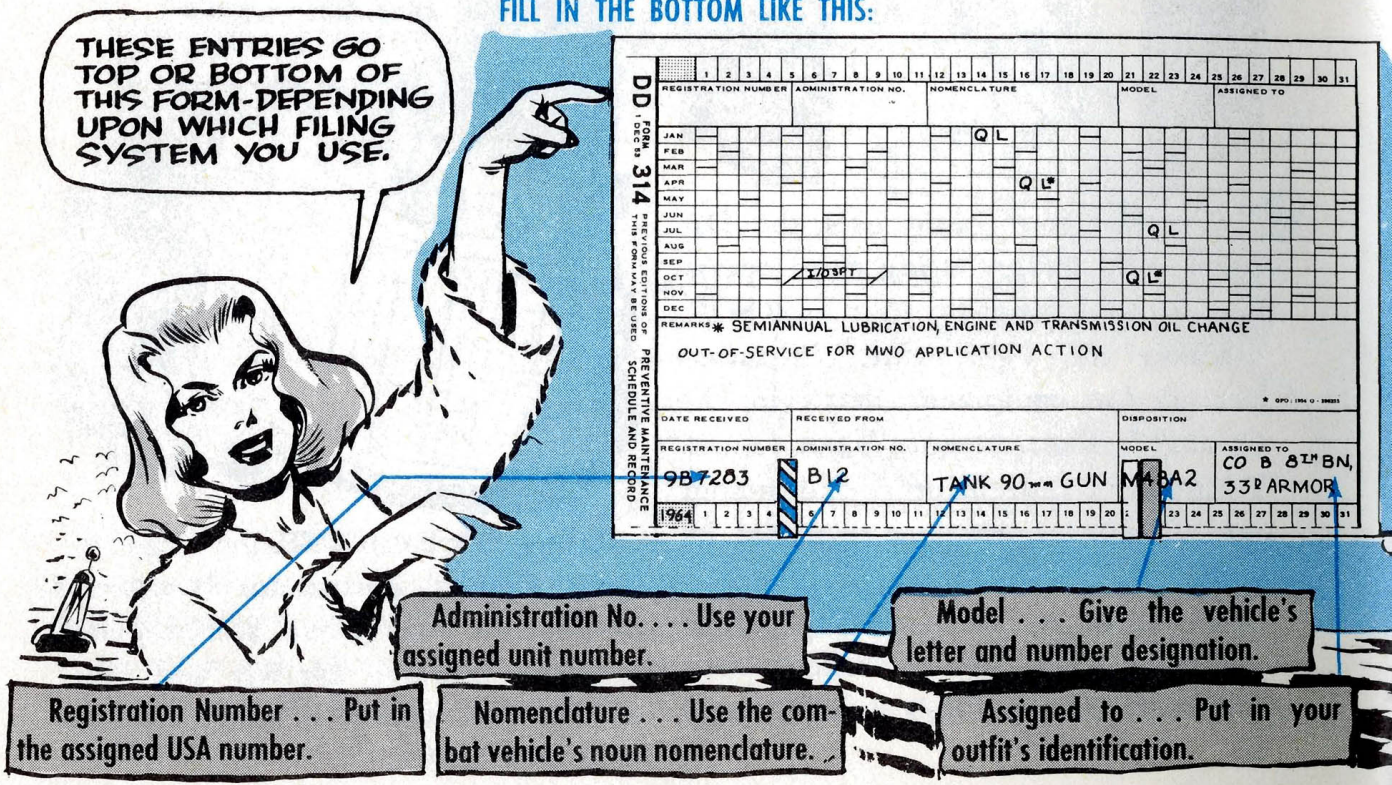


The main body of the card has room for a two-year run; one year on each side. When keeping your schedule, you can line out the non-work days if your local SOP wants it that way.

You're required to schedule your periodic services at least one month in advance but when it comes to scheduling Q's and L's, it's best to schedule at least one service in advance.

Insert the right symbol with pencil on the date the service is due—then go over it in ink when the service is done.

FILL IN THE BOTTOM LIKE THIS:



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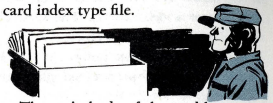

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Insert the right symbol with pencil on the date the service is due—then go over it in ink when the service is done.

This scheduling card uses the color visual signal system.

A **GREEN** signal tab indicates a lubrication service when placed over or under the date block in which a penciled "L" appears.

When the lube job is done, ink in the "L" and move the green tab to the vehicle's next lube service. Your green tab will have to follow your Lubrication Order real close so you won't miss the vehicle's different periodic lubrication requirements.

A **YELLOW** signal tab calls your attention to the vehicle's next periodic service, Component Calibration (C) or Test (T). Here again you ink over the penciled symbol after you complete the job and then move the yellow tab to the next scheduled service.

A **STRIPED** signal tab placed over the lower or upper right-hand corner of the card signals that the combat vehicle is out of service for one reason or another. Use red if striped tab is not available in supply or at your "country store."

You'll find suitable tabs listed in Federal Supply Catalog C6-14-SL (1 Dec 63) in Group 75, Office Supplies, or in the GSA catalog. If the striped tabs are not available, use red instead. Ask for Tab, signal, non-projection type, plastic, ¼-in w, crimped, u/w visible record files, 100 per box, FSN 7510-183-6474 (yellow), FSN 7510-183-6472 (green) and FSN 7510-183-6473 (red).

When the equipment is out of service, mark the card to show the total time out. Between the time-out-of-service dates, give the maintenance category doing the repairs and put the reasons for time out in the Remarks box.

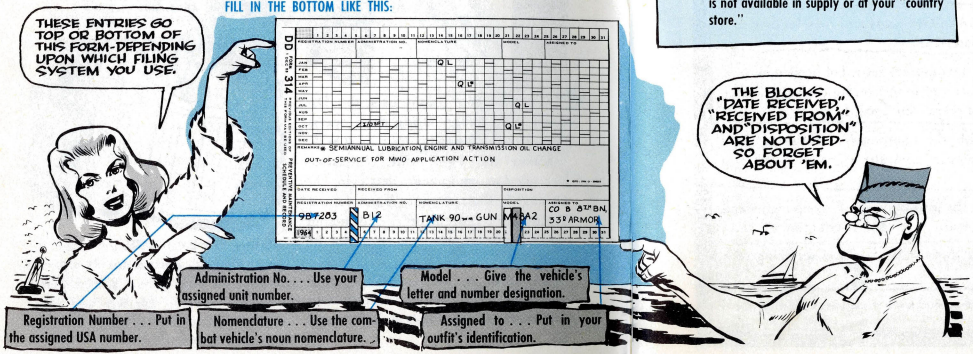
After a vehicle is again operational, take off the striped tab and put on the green and yellow tabs for the vehicle's next scheduled services.

When you defer or advance a scheduled service keep the signal tab in the same spot until the service is done.

To make your maintenance load more flexible you're allowed a 10 percent variance in time and mileage. This means when a Q falls on the 15th, you can do it any time from 9 work days before to 9 work days after the 15th. (9 is 10 percent of 90 days.)

After a two-year run or when the card is full you can toss it out after transferring the title items to a new card.

If the vehicle is transferred or turned in the card goes with it.



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ROSTER

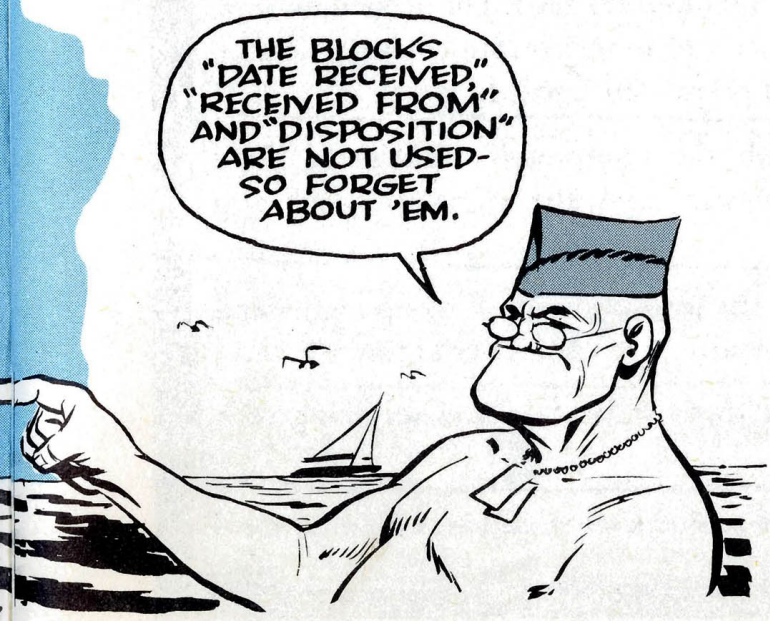
This scheduling card uses the color visual signal system.

A **GREEN** signal tab indicates a lubrication service when placed over or under the date block in which a penciled "L" appears.

When the lube job is done, ink in the "L" and move the green tab to the vehicle's next lube service. Your green tab will have to follow your Lubrication Order real close so you won't miss the vehicle's different periodic lubrication requirements.

A **YELLOW** signal tab calls your attention to the vehicle's next periodic service, Component Calibration (C) or Test (T). Here again you ink over the penciled symbol after you complete the job and then move the yellow tab to the next scheduled service.

A **STRIPED** signal tab placed over the lower or upper right-hand corner of the card signals that the combat vehicle is out of service for one reason or another. Use red if striped tab is not available in supply or at your "country store."



You'll find suitable tabs listed in Federal Supply Catalog C6-14-SL (1 Dec 63) in Group 75, Office Supplies, or in the GSA catalog. If the striped tabs are not available, use red instead. Ask for Tab, signal, non-projection type, plastic, ¼-in w, crimped, u/w visible record files, 100 per box, FSN 7510-183-6474 (yellow), FSN 7510-183-6472 (green) and FSN 7510-183-6473 (red).

When the equipment is out of service, mark the card to show the total time out. Between the time-out-of-service dates, give the maintenance category doing the repairs and put the reasons for time out in the Remarks box.

After a vehicle is again operational, take off the striped tab and put on the green and yellow tabs for the vehicle's next scheduled services.

When you defer or advance a scheduled service keep the signal tab in the same spot until the service is done.

To make your maintenance load more flexible you're allowed a 10 percent variance in time and mileage. This means when a Q falls on the 15th, you can do it any time from 9 work days before to 9 work days after the 15th. (9 is 10 percent of 90 days.)

After a two-year run or when the card is full you can toss it out after transferring the title items to a new card.

If the vehicle is transferred or turned in the card goes with it.

743-498 O - 64 - 2

DA Form 2404 needs no new introduction. The Equipment Inspection and Maintenance Worksheet is still with us and is basically the same. Its changes are few . . . but they're important.

The high-points of the revised 2404 are:

1. It's an inspection and maintenance worksheet for all inspections (except CMMI), maintenance services, diagnostic checkouts, spot and equipment serviceability criteria checks.
2. (It will be used for CMMI of ARADCOM units and may be used as a worksheet for CMMI on other materiel.)
3. The main use of the form is for a temporary record of needed maintenance jobs that have not been done and to inform supervisory personnel about them. The 2404 is not a permanent record.
4. The form must be used along with the equipment's TM's (or TB's when they're applicable) to make sure that the right checkout and servicing procedures are followed.
5. You can use one form to record the inspection of all components and attachments on a weapon (tank, radio, fire control equipment).
6. It can be used to cover a complete day's inspection and servicing of a complete weapons system.
7. The form can show the results of an inspection and service of several like items.

THE WORKSHEET

MR

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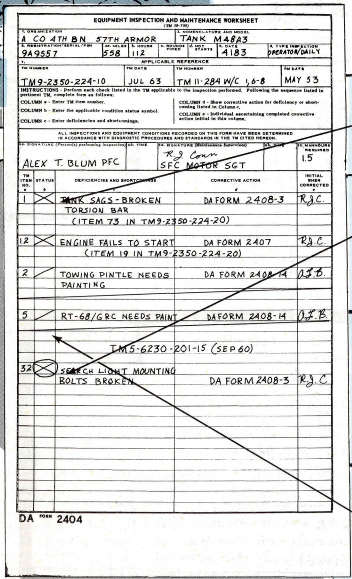


EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET
(TM 38-750)

1. ORGANIZATION: A CO 4TH BN 57TH ARMOR
2. NOMENCLATURE AND MODEL: TANK M48A3
3. REGISTRATION/SERIAL/FSN: 9A9557
4a. MILES: 558
b. HOURS: 112
c. ROUNDS FIRED:
d. HOT STARTS:
5. DATE: 4183
6. TYPE INSPECTION: OPERATOR/DAILY

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
TM9-2350-224-10	JUL 63	TM 11-284 W/C 1,6-8	MAY 53

INSTRUCTIONS - Perform each check listed in the TM applicable to the inspection performed. Following the sequence listed in pertinent TM, complete form as follows:

COLUMN a - Enter TM item number.
COLUMN b - Enter the applicable condition status symbol.
COLUMN c - Enter deficiencies and shortcomings.
COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.
COLUMN e - Individual ascertaining completed corrective action initial in this column.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE (Person(s) performing inspection): ALEX T. BLUM PFC
8b. TIME:
9a. SIGNATURE (Maintenance Supervisor): R. J. Conn SFC MOTOR SGT
9b. TIME:
10. MANHOURS REQUIRED: 1.5

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1	X	TANK SAGS-BROKEN TORSION BAR (ITEM 73 IN TM9-2350-224-20)	DA FORM 2408-3	RJC.
12	X	ENGINE FAILS TO START (ITEM 19 IN TM9-2350-224-20)	DA FORM 2407	RJC.
2	/	TOWING PINTLE NEEDS PAINTING	DA FORM 2408-14	AJB.
5	/	RT-68/GRC NEEDS PAINT	DA FORM 2408-14	AJB.
—		TM5-6230-201-15 (SEP 60)		
32	(X)	SEARCH LIGHT MOUNTING BOLTS BROKEN	DA FORM 2408-3	RJC

DA FORM 2404

New Status Symbols

They're used in column "b" for all inspections except CMMI's and ESC.

DEFICIENCY

"X"—Indicates a deficiency in the equipment, the equipment is considered unsafe for operation and is inoperable.

SHORTCOMING

CIRCLED (X)—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

PM DUE

HORIZONTAL DASH "(—)"— Indicates that a required inspection component replacement, maintenance operational check, or test flight is due but has not been accomplished.

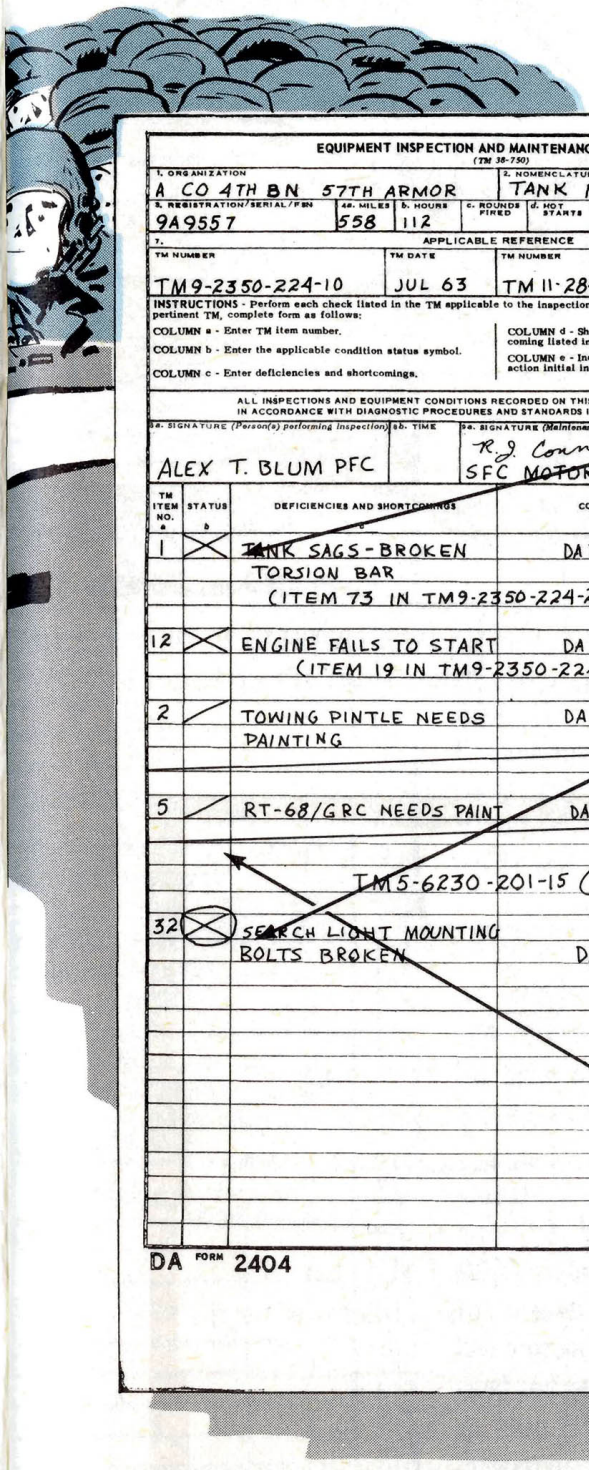
DIAGONAL "(/)"—Indicates that a fault, though not a serious condition, exists on the equipment or that mission essential equipment is not fully or satisfactorily operational.

Daily Inspections and Services

The most common use of DA 2404 is pulling daily before, during and after operation inspections and services.

Either the equipment operator or crew can pull these inspections and fill in the form. Once the top portion of the form is filled and identifies a specific piece of equipment, it's for that equipment only.

WORKSHEET MR



EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET
(TM 38-750)

1. ORGANIZATION			2. NOMENCLATURE AND MODEL			
A CO 4TH BN 57TH ARMOR			TANK M48A3			
3. REGISTRATION/SERIAL/FSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
9A9557	558	112			4183	OPERATOR/DAILY

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
TM9-2350-224-10	JUL 63	TM 11-284 W/C 1,6-8	MAY 53

INSTRUCTIONS - Perform each check listed in the TM applicable to the inspection performed. Following the sequence listed in pertinent TM, complete form as follows:

COLUMN a - Enter TM item number.

COLUMN b - Enter the applicable condition status symbol.

COLUMN c - Enter deficiencies and shortcomings.

COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e - Individual ascertaining completed corrective action initial in this column.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE (Person(s) performing inspection)	8b. TIME	9a. SIGNATURE (Maintenance Supervisor)	9b. TIME	10. MANHOURS REQUIRED
ALEX T. BLUM PFC		R.J. Conn SFC MOTOR SGT		1.5

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1	X	~~TANK~~ SAGS - BROKEN TORSION BAR (ITEM 73 IN TM9-2350-224-20)	DA FORM 2408-3	R.J.C.
12	X	ENGINE FAILS TO START (ITEM 19 IN TM9-2350-224-20)	DA FORM 2407	R.J.C.
2	/	TOWING PINTLE NEEDS PAINTING	DA FORM 2408-14	J.F.B.
5	/	RT-68/GRC NEEDS PAINT TM5-6230-201-15 (SEP 60)	DA FORM 2408-14	J.F.B.
32	⊗	SEARCH LIGHT MOUNTING BOLTS BROKEN	DA FORM 2408-3	R.J.C.

DA FORM 2404

New Status Symbols

They're used in column "b" for all inspections except CMMI's and ESC.

"X"—Indicates a deficiency in the equipment, the equipment is considered unsafe for operation and is inoperable.

DEFICIENCY

CIRCLED (X)—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

SHORTCOMING

HORIZONTAL DASH "(—)"— Indicates that a required inspection component replacement, maintenance operational check, or test flight is due but has not been accomplished.

PM DUE

DIAGONAL "(/)"—Indicates that a fault, though not a serious condition, exists on the equipment or that mission essential equipment is not fully or satisfactorily operational.

Daily Inspections and Services

The most common use of DA 2404 is pulling daily before, during and after operation inspections and services.

Either the equipment operator or crew can pull these inspections and fill in the form. Once the top portion of the form is filled and identifies a specific piece of equipment, it's for that equipment only.

The same form can be used for several days if no deficiency or shortcoming is to be reported, or have been corrected by replacing parts.

Here's how the form is written up when being used for an operator's daily inspection and service:

1. The organization to which the equipment belongs.
2. Noun nomenclature of the equipment to be inspected and serviced.
3. Registration or equipment serial number. Enter only one.
4. Total miles operated up to that date. 4b. Total hours run.
5. Julian date.

   If form is to be used for more than one day, leave blocks 4 and 5 blank but enter total miles or hours run and Julian date on which a deficiency or shortcoming is found.
6. Type of inspection "Operator/Daily."
7. Technical Manual (and its date) used to make the inspection. If manual has any changes, show this by inserting W/C after the TM number and put in the date of the latest change.
8. Signature block—Signature of vehicle operator or crew member doing the inspection and service, and the time the equipment went off the air or failed if it's STARCOM equipment.
9. Supervisor's signature—This is only needed when required by local SOP, except for CMMI and STARCOM use. On STARCOM equipment the supervisor puts in his signature and the time after everything has been done. When the 2404 is used on equipment having no permanent log, local SOP can require the form be completed, signed and turned in daily.
10. Put in the total manhours (to the nearest tenth) it takes to do the inspection.

EQUIPMENT INS

1. ORGANIZATION: A Co, 4TH MTB, 57TH ARMOR
3. REGISTRATION/SERIAL/FSN: 9A9563
4a. MILES: 493
7. TM NUMBER: TM9-2350-224-10
INSTRUCTIONS - Perform each check listed in the pertinent TM, complete form as follows:
COLUMN a - Enter TM item number.
COLUMN b - Enter the applicable condition status
COLUMN c - Enter deficiencies and shortcomings.
ALL INSPECTIONS AND EQUIPMENT IN ACCORDANCE WITH DIAGNOSTIC
8a. SIGNATURE (Person(s) performing inspection): William E. Bates PFC

TM ITEM NO.	STATUS	DEFICIENCIES AND SHORTC
		4178 4181 4182
20	X	TANK STEERS IN ONLY DIRECTION (ITEM 65 IN
5	⊗	RT-68/GRC VOLUM BINDING AND NOT O PROPERLY
		TM5-623
32	/	SEARCHLIGHT MOUN BRACKETS CRAC AND RUSTED

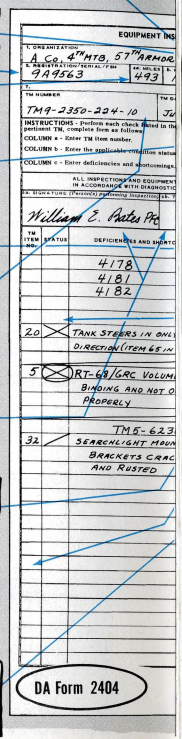
DA Form 2404

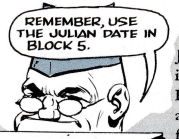
The same form can be used for several days if no deficiency or shortcoming is to be reported, or have been corrected by replacing parts.

Here's how the form is written up when being used for an operator's daily inspection and service:

1. The organization to which the equipment belongs.
2. Noun nomenclature of the equipment to be inspected and serviced.
3. Registration or equipment serial number. Enter only one.
4. Total miles operated up to that date. 4b. Total hours run.
5. Julian date.

   If form is to be used for more than one day, leave blocks 4 and 5 blank but enter total miles or hours run and Julian date on which a deficiency or shortcoming is found.
6. Type of inspection "Operator/Daily."
7. Technical Manual (and its date) used to make the inspection. If manual has any changes, show this by inserting W/C after the TM number and put in the date of the latest change.
8. Signature block—Signature of vehicle operator or crew member doing the inspection and service, and the time the equipment went off the air or failed if it's STARCOM equipment.
9. Supervisor's signature—This is only needed when required by local SOP, except for CMMI and STARCOM use. On STARCOM equipment the supervisor puts in his signature and the time after everything has been done. When the 2404 is used on equipment having no permanent log, local SOP can require the form be completed, signed and turned in daily.
10. Put in the total manhours (to the nearest tenth) it takes to do the inspection.





When using the form for more than one day, put in the Julian date of the days on which no deficiencies or shortcomings were to be reported or corrected by parts replacement. Be sure to put your initials in column "e" to verify each day's actions. This is only done when the same person uses the form, if inspector or operator is changed, then he uses a new form.

Column "a"—Identify the prescribed maintenance check made on each deficiency or shortcoming by its TM sequence number. If there is no sequence number, give page, paragraph or figure number. Keep your identifying numbers under four digits.

Column "b"—Put in the condition status symbol.

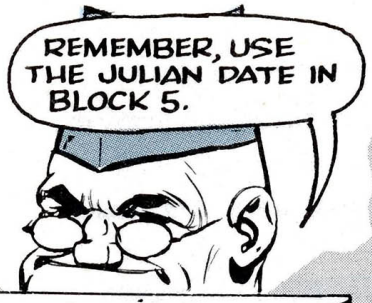
Column "c"—List all deficiencies and shortcomings that cannot be corrected and the ones that were corrected by parts replacement. Follow the PM service tables in the equipment TM. If you use more than one TM, first list all sequence numbers given in one TM then run a line across the 2404 and do the same for the ones covered by the next TM.

Column "d"—This is to show that the necessary entry was made in the vehicle log and on which form. Corrective actions taken the same day are to be entered on the log's DA Form 2408-3 or DA Form 2409. When a fault cannot be repaired it gets posted on the log's DA Form 2408-14 if the corrective action is to be done by organizational maintenance people, or on a DA Form 2407 if it's to be repaired by support.

Column "e"—Initial when the defect has been corrected.

Once a fault is entered on the 2408-14 and its correction is delayed, it's not necessary to list it again at the next operator's inspection.

When the daily inspection is over, the vehicle's log's 2408-1 must verify that the services were done according to the vehicle's TM.



When using the form for more than one day, put in the Julian date of the days on which no deficiencies or shortcomings were to be reported or corrected by parts replacement. Be sure to put your initials in column "e" to verify each day's actions. This is only done when the same person uses the form, if inspector or operator is changed, then he uses a new form.

PECTION AND MAINTENANCE WORKSHEET
(TM 38-750)

2. NOMENCLATURE AND MODEL: TANK M48A3

OURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
07			4183	OPERATOR/DAILY

APPLICABLE REFERENCE

TE	TM NUMBER	TM DATE
ly 1963	TM 11-284 w/C1, 6-8	MAY 1953

TM applicable to the inspection performed. Following the sequence listed in
symbol.
COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c.
COLUMN e - Individual ascertaining completed corrective action initial in this column.

CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

ME	9a. SIGNATURE (Maintenance Supervisor)	9b. TIME	10. MANHOURS REQUIRED
	R. J. Conn SFC Motor Sgt.		6.2

OMINGS	CORRECTIVE ACTION	INITIAL WHEN CORRECTED
		W. E. B.
		W. E. B.
		W. E. B.
ONE	DA FORM 2407	R. J. C.
TM9-2350-224-20)		
E KNOB	DA FORM 2408-3	R. J. C.
PERATING		
0-201-15 (SEP 60)		R. J. C.
TING		
KED	DA FORM 2408-14	

Column "a"—Identify the prescribed maintenance check made on each deficiency or shortcoming by its TM sequence number. If there is no sequence number, give page, paragraph or figure number. Keep your identifying numbers under four digits.

Column "b"—Put in the condition status symbol.

Column "c"—List all deficiencies and shortcomings that cannot be corrected and the ones that were corrected by parts replacement. Follow the PM service tables in the equipment TM. If you use more than one TM, first list all sequence numbers given in one TM then run a line across the 2404 and do the same for the ones covered by the next TM.

Column "d"—This is to show that the necessary entry was made in the vehicle log and on which form. Corrective actions taken the same day are to be entered on the log's DA Form 2408-3 or DA Form 2409. When a fault cannot be repaired it gets posted on the log's DA Form 2408-14 if the corrective action is to be done by organizational maintenance people, or on a DA Form 2407 if it's to be repaired by support.

Column "e"—Initial when the defect has been corrected.

Once a fault is entered on the 2408-14 and its correction is delayed, it's not necessary to list it again at the next operator's inspection.

When the daily inspection is over, the vehicle's log's 2408-1 must verify that the services were done according to the vehicle's TM.

For Q's and Other Uses

Here's how to use the 2404 for "Q" or other scheduled periodic inspection and services:

A periodic inspection and service is marked-up on the 2404 about the same way as the operator's daily . . . except with these differences—

PMENT INSPECTION AND MAINTENANCE WORKSHEET
(TM 38-750)

2. NOMENCLATURE AND MODEL					
TANK M48A3					
a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
				4183	PERIODIC/Q

APPLICABLE

Block 5—Put in the Julian date immediately because the form cannot be used for more than one day.

Block 6—Insert the periodic service being done.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE (Person(s) performing inspection)	8b. TIME	9a. SIGNATURE (Maintenance Supervisor)	9b. TIME	MANHOURS
James E. Spears SP5 Mechanic		R. J. Conn SFC Motor Sgt.		

DA Form 2404

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
2	/	RIGHT HEADLIGHT LENS BROKEN	DA 2408-3	J.E.S.
4	/	AIR CLEANERS, FILTERS DIRTY	DA 2408-3	J.E.S.
8	/	TURRET INTERIOR PAINT CHIPPED	DA 2408-3	J.E.S.
22	X	SERVICE BRAKE MALFUNCTION	DA 2407	R.J.C.
24	X	LEFT FINAL DRIVE OVERHEATS	DA 2408-3	J.E.S.
24	X	RIGHT TRACK LOOSE	DA 2408-3	J.E.S.

Column "c"—List all deficiencies and shortcomings found. When using the form for a scheduled periodic inspection it can **only** be used on a one-time basis.

The 2404 can be used by **support maintenance** for initial and final inspection of equipment received for repair. After the inspection, a marked-up copy showing all deficiencies and shortcomings gets attached to the DA Form 2407 or a separate copy can be made for the repair mechanic. All 2404's that do show faults must go to the shop officer for necessary action.

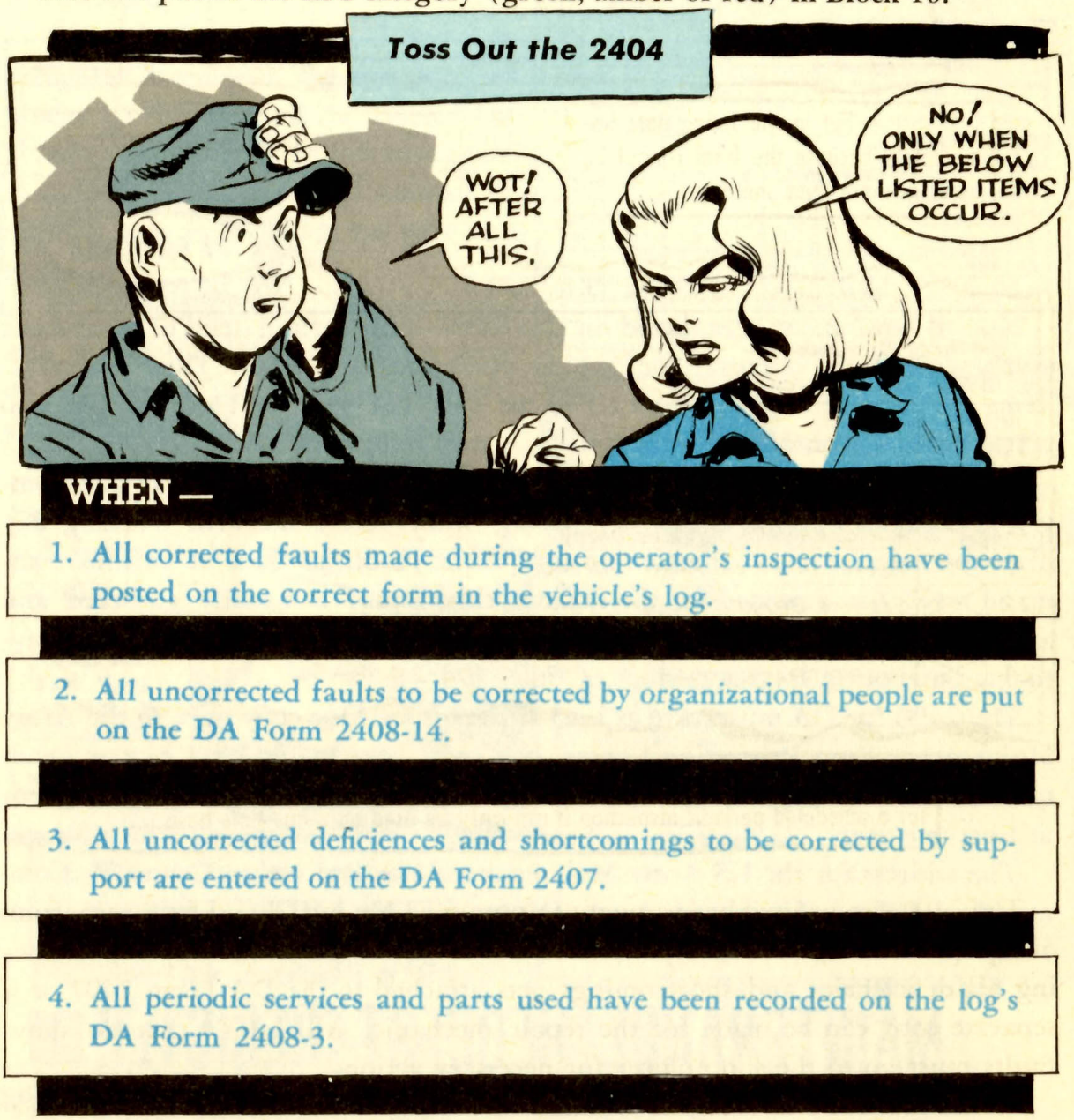
When the 2404 is used for **Command Maintenance Management Inspections (CMMI)** leave columns "d" and "e" blank. The person taking care of the corrective action will fill these in. Use a separate 2404 for each system when covering multiple aspect equipment. When you have several 2404's, clip them together and put the overall rating on the first sheet in the supervisor's signature block.

When used for **Equipment Serviceability Criteria** checks, put in the sequence number of each check. Use the equipment's TM ESC.

In column "b", put in the value for each test. When numerical values are used, put the total after the last entry.

The description of each check goes in column "c". When the inspection is completed the inspector's signature goes in Block 8 which is the left signature block.

Last . . . put in the ESC category (green, amber or red) in Block 10.



Equipment Serviceability Criteria worksheets are to be kept until the next similar inspection.

Worksheets on equipment that have no permanent log can be thrown out when all faults have been corrected or after the next periodic service; that's when all uncorrected faults are picked up by a new 2404.

DA Form 2406 . . .

MR ARE YOU READY?

The Materiel Readiness Report is the report that starts out at troop level and ends up at the top staff people in the Army. It lets the Headquarters Department of the Army staff and commanders at all levels see the big picture as to the readiness of your fighting equipment.

The 2406's begin at company or battalion level and when the report reaches the top it tells them whether your outfit is go or no-go from an equipment standpoint.

MATERIEL READINESS REPORT (TM 38-750)

1. PERIOD OF REPORT: FROM: 3091 TO: 3120
2. DATE PREPARED: 3121
3. TYPE DATA: ☒ ACCUMULATIVE ☐ CURRENT STATUS
REPORTS CONTROL SYMBOL CSGLD 1042 (R1)

4. TO: CO 1ST TK BN, 168TH ARMOR 68TH ARMORED DIVISION FT. SMITH, OHIO
5. FROM: CO B, 1ST TANK BN, 168TH ARMOR 68TH ARMORED DIV FT. SMITH, OHIO
6. ORGANIZATION CODE: 0B1241B
7. TOE NO.: 17-27D
8. STRAC: ☐ YES ☒ NO
9. UTILIZATION CODE: ON
10. PAGE NO.: 1
10a. NO. OF PAGES: 1

11. NO.	NOMENCLATURE: NOUN	MODEL	LINE NO.	DENSITY: AUTH	ON HAND	EQUIPMENT AVAILABILITY: POSSIBLE DAYS	AVAILABLE DAYS	NON-AVAILABLE DAYS: ORG MAINT	SUPPORT MAINT	SERVICEABILITY: GREEN	AMBER	RED	REASON FOR RED: ESC SCORE	SHORTAGE	TOV	OBSOLETE	INOPERABLE	URGENT MRO	PARTS
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t
1	CARRIER		210010	2															
1A	CARRIER	M59	210010		2	60	50	7	3	1		1	1						
2	TANK		230020	17															
2A	TANK	M48A2	230020		12	356	213	42	101	7	3	2	2			1			

DA Form 2406

Not all equipment is reported on this form—only certain items of equipment that're considered essential for combat operations are listed. These essential items are identified in Appendix III of the new TM 38-750. The new TM also gives the ABC's on filling in the 2406 . . . they're in para 3-6.

Each report submitted to DA level covers one calendar month. It gets completed and forwarded by the preparing outfit before the fifth working day after the month ends. Collection of equipment readiness data at various command levels that's needed for the DA monthly report is usually gathered and assembled as required to meet local command needs. It can be done on a day-to-day basis or on specific periods of time.

The 2406 for DA must have at least three copies. One copy goes to the Army Maintenance Data Processing Center, one copy goes to the next higher headquarters and one copy is kept by the originator. The originator's copy is kept for at least one year.

The address for the US Army Maintenance Data Processing Center is: Commanding Officer, Lexington Army Depot, ATTN: AMDPC, Lexington, Kentucky 40507.

DA Form 2405 . . .

MAINTENANCE REQUEST REGISTER MR

At organizational level, this form is used as a quick reference for keeping score on the status of all your maintenance requests.

The form isn't a must but it's there if you need to keep tabs on all the work you have at support on a DA Form 2407 and any work to be done in your own outfit that take a DA Form 2410.

Para 3-5 in the new TM 38-750 gives the details on how the 2405 is filled in and used.

MR EXCHANGE TAG

The DA Form 2402 tag has changed only slightly from the one you've been using. You still use it to hurry-up the exchange of unserviceable parts, components, assemblies and to identify EIR exhibits.

Filling in Sections 1, 2, 3 and 4 is about the same with the exception of blocks 10, 14, 18, and 22. Here, "Lot Number" was added. In this block you continue to enter the serial number of the end item from which the part was removed.

A new section has been added on the rear side of the 2402. This is for some of the history pertaining to the part that is being exchanged.

The new blocks ask for this info, of course, only when the dope is applicable and available, but put it in whenever possible.

DA Form 2402

EXCHANGE TAG
(TM 38-750)

1. SUPPORT AGENCY: Co A 76TH MAINT BN	2. DATE: 4183
3. UNIT OR ORGANIZATION: Co B 8TH BN, 33D ARMOR	
4. FSN: 2920-607-2623	
5. NOUN NOMENCLATURE: GENERATOR, ENGINE ACC. ASSY.	1
6. EIR EXHIBIT ☐ EXCHANGE ☒	7. REPAIRED: DATE / INITIALS
END ITEM IDENT — 8. NOUN NOMENCLATURE/MANUFACTURER: TANK	
9. MODEL: M48A2	10. SERIAL/LOT NO.: 18221

DA FORM 2402 PREVIOUS EDITION IS OBSOLETE.

23. DATE MFG/LAST OVERHAUL: UNK	24. MANUFACTURER OR OVERHAUL ACTIVITY: UNK

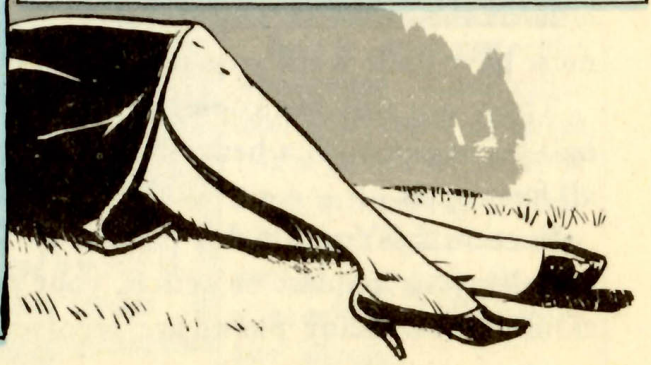
25. FAILURE DETECTED DURING: ☐ SCD MAINTENANCE CODE A; ☐ HANDLING CODE B; ☐ INSPECTION/TEST - CODE C; ☒ NORMAL OPERATION CODE D

26. FIRST INDICATION OF TROUBLE: A ☒ INOPERATIVE CODE 068; C ☐ LOW PERFORMANCE - CODE 387; D ☐ NOISY CODE 008; F ☐ OUT OF ADJUSTMENT - CODE 790; G ☐ OVERHEATING CODE 258; I ☐ OTHER CODE 099

27. DESCRIBE DEFICIENCIES OR SYMPTOMS: GENERATOR WILL NOT CHARGE

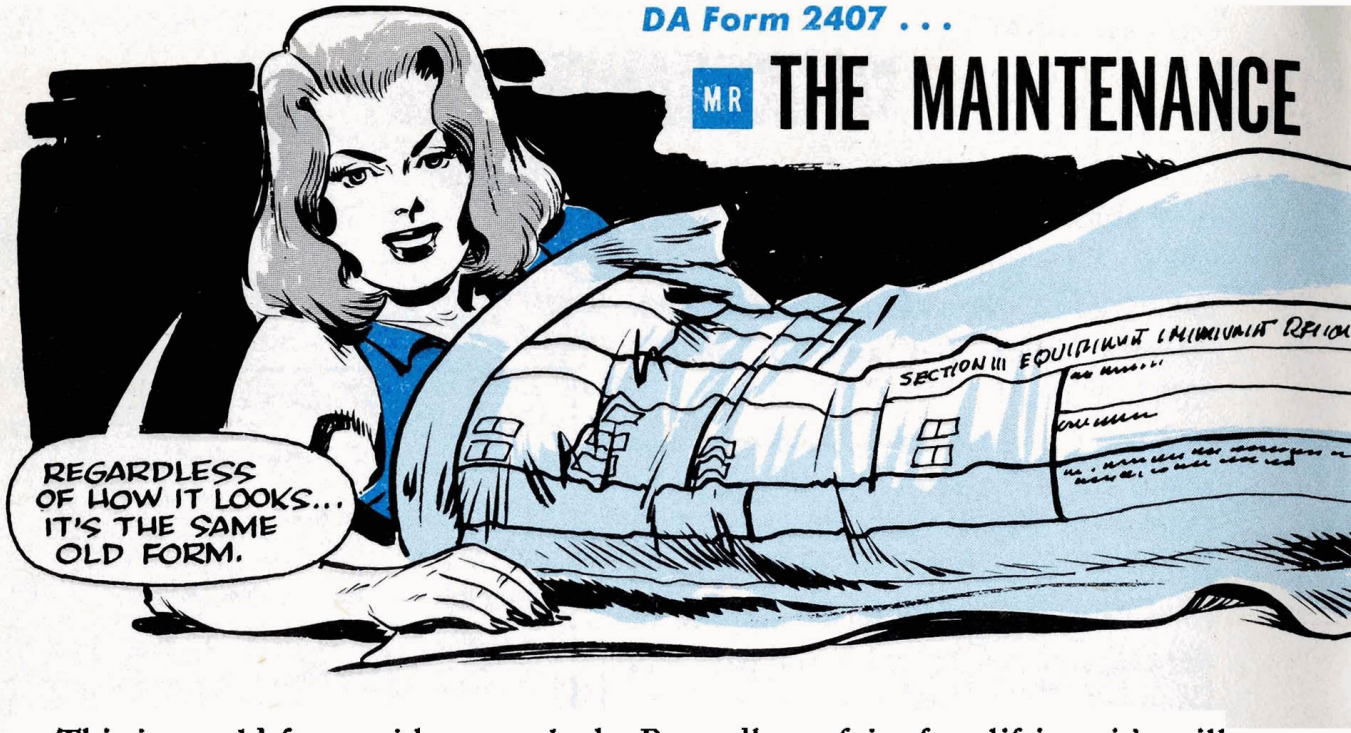
Enter date and initials in block 7 when repair is completed.

1. Fill in the complete form accurately and completely.
2. Part I stays tied to the part and identifies whether it is unserviceable or serviceable after it has been repaired.
3. Use the tag to identify EIR exhibits.
4. Parts 2, 3 and 4 are used as receipts. If no receipts are needed, then ignore them.
5. When a tagged part is installed, remove and destroy the tag.
6. Destroy all receipts when the transaction is all over.



DA Form 2407 . . .

MR THE MAINTENANCE



This is an old form with a new look. Regardless of its face-lifting, it's still the work-horse that's used to get the job done at all maintenance levels.

The form has many jobs, but its biggest job is to request maintenance services from your support unit. It's important that all information you give be as accurate as possible. Your support unit and the people at top-side rely on the info to work out any bugs in the present equipment. It also helps them design new and better stuff.

Every maintenance man should learn to use the 2407 right. Knowing the ins-and-outs will help your job run smoother and get it done a lot faster.

ORGANIZATIONAL USES

At organization level this form has several jobs. You use it for requesting MWO application, repairs and maintenance from support, calibration services, reporting completion of MWO's and receipt of defective materiel (not shipping or packaging) and for submitting EIR's.

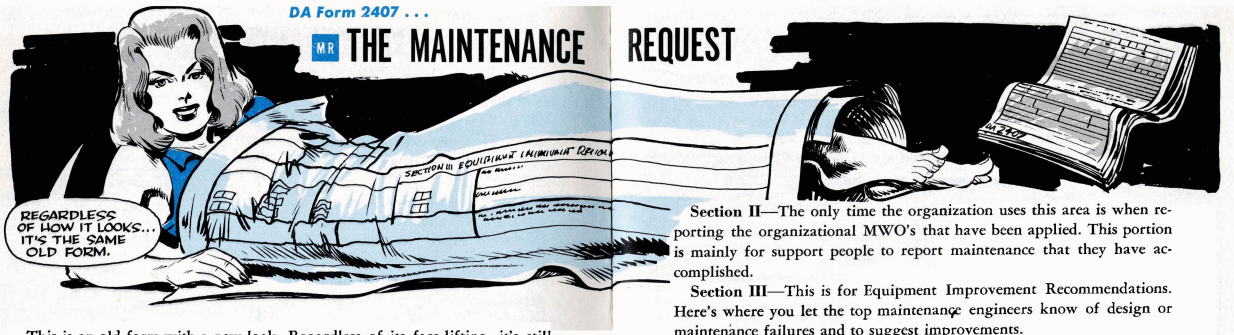
Although the 2407 can be used to request work on several like or bulk items, it should be remembered that this bulk method is only used on items that don't have log books or consolidated logs. All equipment items that're in para 4-26 of the new TM 38-750 on which a log book or a DA Form 2409 is kept, must have their work requests made up one to a DA Form 2407.

There are still five copies to the 2407. This means you'll still need to use a ball-point pen with a heavy hand or a typewriter to get a good clear message on all five copies.

Section I—You fill this portion in for just about all uses. Here you identify your request or action, your outfit, the equipment, detection of trouble, how many pieces are involved and a brief rundown of what is wrong.

DA Form 2407 . . .

MR THE MAINTENANCE REQUEST



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Section I—You fill this portion in for just about all uses. Here you identify your request or action, your outfit, the equipment, detection of trouble, how many pieces are involved and a brief rundown of what is wrong.

Section II—The only time the organization uses this area is when reporting the organizational MWO's that have been applied. This portion is mainly for support people to report maintenance that they have accomplished.

Section III—This is for Equipment Improvement Recommendations. Here's where you let the top maintenance engineers know of design or maintenance failures and to suggest improvements.

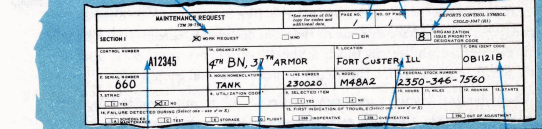
FILLING-IN THE 2407

Filling-in the 2407 is pretty much the same regardless of its use. There are certain basic requirements which cover the general information; after this is all down, you put in the specifics of the work requested, reporting action or EIR.

Section 1—X or check your use of the form. Show whether it's a Work Request, MWO action or EIR.

Page Number Blocks—Fill in after you're done; then put in the number of each page and the total pages. If you need more pages, use the continuation sheet, DA Form 2407-1.

Far right—Insert your priority code as prescribed by AR 735-35 or 725-50.



DA Form 2407

Block 1a—Identify your outfit.

Control No.—This is a preprinted number—leave it alone. It's your job order number.

Block 1b—Put in your location. Blocks 1a and b should be your outfit's mailing address.

Block 1c—Insert your outfit's organization identification code; better consult paragraph 1-4h of the new TM 38-750 for details on this one . . . it should have seven digits. For equipment on loan, put in the code of the outfit to which the equipment belongs.

REQUEST

Section II—The only time the organization uses this area is when reporting the organizational MWO's that have been applied. This portion is mainly for support people to report maintenance that they have accomplished.

Section III—This is for Equipment Improvement Recommendations. Here's where you let the top maintenance engineers know of design or maintenance failures and to suggest improvements.

FILLING-IN THE 2407

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Section I—X or check your use of the form. Show whether it's a Work Request, MWO action or EIR.

Page Number Blocks—Fill in after you're done; then put in the number of each page and the total pages. If you need more pages, use the continuation sheet, DA Form 2407-1.

Far right—Insert your priority code as prescribed by AR 735-35 or 725-50.

MAINTENANCE REQUEST (TM 38-750)	*See reverse of file copy for codes and additional data.	PAGE NO. 1	NO. OF PAGES 1	REPORTS CONTROL SYMBOL CSGLD-1047 (R1)
SECTION I	[X] WORK REQUEST	[ ] MWO	[ ] EIR	8 ORGANIZATION ISSUE PRIORITY DESIGNATOR CODE

CONTROL NUMBER	1a. ORGANIZATION	b. LOCATION	c. ORG IDENT CODE
A12345	4TH BN, 37TH ARMOR	FORT CUSTER, ILL	OB1121B

2. SERIAL NUMBER	3. NOUN NOMENCLATURE	4. LINE NUMBER	5. MODEL	6. FEDERAL STOCK NUMBER	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
660	TANK	230020	M48A2	2350-346-7560				

7. STRAC	8. UTILIZATION CODE*	9. SELECTED ITEM
[ ] 1 YES [X] 2 NO		[ ] 1 YES [ ] 2 NO

14. FAILURE DETECTED DURING (Select one - use ✓ or X): [ ] A SCHEDULED MAINTENANCE [ ] C TEST [ ] E STORAGE [ ] G FLIGHT

15. FIRST INDICATION OF TROUBLE (Select one - use ✓ or X): [ ] 068 INOPERATIVE [ ] 258 OVERHEATING [ ] 790 OUT OF ADJUSTMENT

DA Form 2407

Block 1a—Identify your outfit.

Control No.—This is a preprinted number—leave it alone. It's your job order number.

Block 1b—Put in your location. Blocks 1a and b should be your outfit's mailing address.

Block 1c—Insert your outfit's organization identification code; better consult paragraph 1-4h of the new TM 38-750 for details on this one . . . it should have seven digits. For equipment on loan, put in the code of the outfit to which the equipment belongs.

Block 2—The serial number of the piece of equipment you're dealing with goes here. Make sure this is the serial number and not the USA or unit number. Serial numbers are usually found on data plates or stamped on the equipment. If the number is over ten digits, use only the last 10 (counting from the right). If there is no serial number, put in N/A. When more than one piece of equipment is involved, list all the serial numbers in block 16, then insert "see block 16" in block 2. Remember, only items that have no log book or consolidated log can be combined on one 2407.

Block 3—Identify the piece of equipment by noun nomenclature.

Block 7—Check whether your outfit is STRAC or not.

Block 14—Check or X when the defect was found. If it was picked up at a Q service, you'd mark box A, or box D if discovered while you're operating the equipment.

Block 16—Here's where you must go to your 2404: Insert from the 2404, a short but clear description of the fault or deficiency that must be corrected. Do not make general statements like "Repair powerpack." Be specific, like "Engine uses too much oil" or "Engine runs rough—low cylinder compression."

Block 8—Insert your "Utilization Code". You get your code letter or number from the rear side of the 2407 or from Table VII, Appendix I of the new TM 38-750.

DA Form

MAINTENANCE REQUEST (TM 38-750)

*See reverse of file copy for codes and additional data.

SECTION I — [X] WORK REQUEST [ ] MWO

CONTROL NUMBER	10. ORGANIZATION	
A12345	4TH BN, 37TH ARMOR	
2. SERIAL NUMBER: 660	3. NOUN NOMENCLATURE: TANK	4. LINE NUMBER: 230020
7. STRAC: [ ] 1 YES [X] 2 NO	8. UTILIZATION CODE*: DN	9. SELECTED ITEM: [X] 1 YES

14. FAILURE DETECTED DURING (Select one - use ✓ or X)
[ ] A SCHEDULED MAINTENANCE [ ] C TEST [ ] E STORAGE [ ] G FLIGHT
[ ] B HANDLING [X] D NORMAL OPERATION [ ] F INSPECTION [ ] H OTHER

15. FIRST INDICATION O
[ ] 068 INOPERATIVE
[ ] 008 NOISY

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE

ENGINE USES TOO MUCH OIL- ENGI
CYLINDER COMPRESSION

OTHER USES

1. This area is also used to identify all the like items when maintenance services are requested for more than one like item. Since you can't put all the serial numbers in block 2 they'll go in this area. After listing all the items, tell what the faults or defects are on each item.

2. When the 2407 is used to cover like items with different FSN's, list the FSN's and quantity of each different item. In this case block 6 will indicate "see block 16." This multiple use is for bulk items like protective masks or canvas tarps. It's not to be used for items listed in para 4-26, on which a log book or consolidated log is kept.

DA Form 2407

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC P... EQUIPMENT TM (Do not prescribe repairs)

COVER, CANVAS 12 X 12 - FSN 8340-653-7589	ALL ITEMS HAVE RIPS,
COVER, BREECH ASSY - FSN 1015-317-2494	HOLES, TEARS AND
COVER, MUZZLE BRAKE - FSN 1015-342-1133	MISSING BUCKLES AND
COVER, PUMP - FSN 2540-513-9966	STRAPS

Block 2—The serial number of the piece of equipment you're dealing with goes here. Make sure this is the serial number and not the USA or unit number. Serial numbers are usually found on data plates or stamped on the equipment. If the number is over ten digits, use only the last 10 (counting from the right). If there is no serial number, put in N/A. When more than one piece of equipment is involved, list all the serial numbers in block 16, then insert "see block 16" in block 2. Remember, only items that have no log book or consolidated log can be combined on one 2407.

Block 3—Identify the piece of equipment by noun nomenclature.

Block 4—The "Line" number of the item goes here. You find this number in para 4-26 of the new TM 38-750. Here's an example: If the 2407 is on the Tank, M60, the line number you'd enter would be 230020. If the item has no line number, put in N/A.

Block 5—Put in the "M" designation of the item, like M60, M59, M48A2, etc., or N/A if there is no "M" designation.

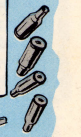
M41A2
M60A1 M53
M48A3

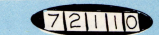
Block 6—The FSN of the item in block 3 goes here. If the 2407 is for several items with different FSN's list all of the FSN's in block 16 and insert "see block 16" in block 6.

Block 7—Check whether your outfit is STRAC or not.

Block 14—Check or X when the defect was found. If it was picked up at a Q service, you'd mark box A, or box D if discovered while you're operating the equipment.

Blocks 10, 11, 12 & 13—Enter the total hours operated, mileage (nearest mile) rounds fired and number of hot starts. All of these pertain to the item in block 3 and 5. If any do not apply, put in N/A.





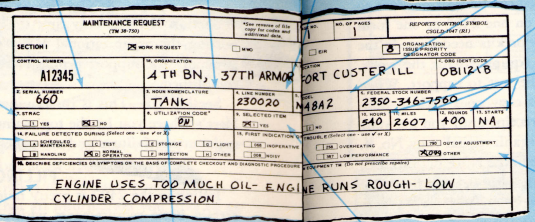
Block 15—Check or X the boxed code that most accurately describes the condition that indicated the trouble. If none of these apply and you must use the "OTHER" box then put in one of these; 360 for Intermittent, 432 for Off Frequency, 680 for Unstable, or 099 for Other or 077 for a motor vehicle accident.

Block 16—Here's where you must go to your 2404: Insert from the 2404, a short but clear description of the fault or deficiency that must be corrected. Do not make general statements like "Repair powerpack." Be specific, like "Engine uses too much oil" or "Engine runs rough—low cylinder compression."

Block 8—Insert your "Utilization Code". You get your code letter or number from the rear side of the 2407 or from Table VII, Appendix I of the new TM 38-750.

DA Form 2407

Block 9—Tell whether the item is listed as a selected item. All selected items are listed in Appendix III of the new TM 38-750.



MAINTENANCE REQUEST (TM 38-750)

SECTION I — ☒ WORK REQUEST ☐ MWO

CONTROL NUMBER	W. ORGANIZATION				
A12345	4TH BN, 37TH ARMOR				
X. SERIAL NUMBER	X. NOUN NOMENCLATURE	X. LINE NUMBER			
660	TANK	230020			
X. STRAC	X. UTILIZATION CODE*	X. SELECTED ITEM			
☐ YES ☒ NO	DV	☐ YES ☒ NO			
14. FAILURE DETECTED DURING (Select one - use A or D)		15. FIRST INDICATION			
☐ A OVERHEAD MAINTENANCE ☐ C TEST ☐ E STORAGE ☐ G FLIGHT		☐ 330 INOPERATIVE			
☐ B HANDLING ☒ D OPERATION ☐ F INSPECTION ☐ H OTHER		☐ 308 NOISY			
16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE					
ENGINE USES TOO MUCH OIL- ENGINE RUNS ROUGH- LOW CYLINDER COMPRESSION					

NO. OF PAGES	REPORTS CONTROL SYMBOL CSGLD-1047 (R1)
☐ EIR ☒ ORGANIZATION ISSUE PRIORITY DESIGNATOR CODE	
STATION	ORG IDENT CODE
FORT CUSTER ILL	OBIIRB
MODEL	FEDERAL STOCK NUMBER
M48A2	2350-346-7560
11. HOURS 540	12. MILES 2607
13. HOURS 400	13. STARTS NA
☐ 290 OVERHEATING	☐ 291 OUT OF ADJUSTMENT
☐ 307 LOW PERFORMANCE	☒ 099 OTHER

OTHER USES

1. This area is also used to identify all the like items when maintenance services are requested for more than one like item. Since you can't put all the serial numbers in block 2 they'll go in this area. After listing all the items, tell what the faults or defects are on each item.

2. When the 2407 is used to cover like items with different FSN's, list the FSN's and quantity of each different item. In this case block 6 will indicate "see block 16." This multiple use is for bulk items like protective masks or canvas tarps. It's not to be used for items listed in para 4-26, on which a log book or consolidated log is kept.

DA Form 2407

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE (Do not describe repairs)

COVER, CANVAS 12 X 12 - FSN 8340-663-7589	ALL ITEMS HAVE RIPS,
COVER, BREECH ASSY - FSN 1015-317-2494	HOLES, TEARS AND
COVER, MUZZLE BRAKE - FSN 1015-342-1133	MISSING BUCKLES AND
COVER, PUMP - FSN 2540-513-7966	STRAPS

FOR BLOCK 16

3. When requesting application of one or more MWO's on one piece of equipment.

4. All "recoverable" (Code R) assemblies or parts removed from major items that're sent in for repair must have each part identified and the major item from which it was removed. Identify the end item by its FSN; insert it on the last line.

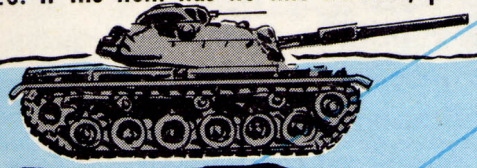
When your 2407 is all filled in, complete block 23 and send it with the equipment and equipment log to your support outfit.

Block 23—The person who is authorized to submit the 2407 signs here; the Julian date goes under the signature.

23. SUBMITTED BY	24. RECEIVED BY
SEC R. J. Conn	
JULIAN DATE 4183	JULIAN DATE

DA Form 2407

Block 4—The "Line" number of the item goes here. You find this number in para 4-26 of the new TM 38-750. Here's an example: If the 2407 is on the Tank, M60, the line number you'd enter would be 230020. If the item has no line number, put in N/A.



Block 5—Put in the "M" designation of the item, like M60, M59, M48A2, etc., or N/A if there is no "M" designation.

M60A1 M41A2 M53 M48A3

Block 6—The FSN of the item in block 3 goes here. If the 2407 is for several items with different FSN's list all of the FSN's in block 16 and insert "see block 16" in block 6.

NO.	NO. OF PAGES	REPORTS CONTROL SYMBOL CSGLD-1047 (R1)
1	1	

EIR | 8 ORGANIZATION ISSUE PRIORITY DESIGNATOR CODE

CATION	c. ORG IDENT CODE
FORT CUSTER ILL	OBII2IB

DEL	6. FEDERAL STOCK NUMBER			
48A2	2350-346-7560			
NO	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
	540	2607	400	NA

TROUBLE (Select one - use ✓ or X)

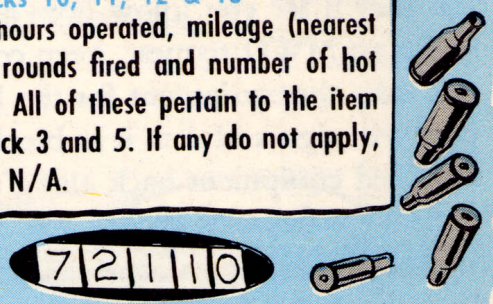
258 OVERHEATING | 790 OUT OF ADJUSTMENT

367 LOW PERFORMANCE | X099 OTHER

EQUIPMENT TM (Do not prescribe repairs)

ENGINE RUNS ROUGH- LOW

Blocks 10, 11, 12 & 13—Enter the total hours operated, mileage (nearest mile) rounds fired and number of hot starts. All of these pertain to the item in block 3 and 5. If any do not apply, put in N/A.



Block 15—Check or X the boxed code that most accurately describes the condition that indicated the trouble. If none of these apply and you must use the "OTHER" box then put in one of these; 360 for Intermittent, 432 for Off Frequency, 680 for Unstable, or 099 for Other or 077 for a motor vehicle accident.

2407

Block 9—Tell whether the item is listed as a selected item. All selected items are listed in Appendix III of the new TM 38-750.

FOR BLOCK 16

3. When requesting application of one or more MWO's on one piece of equipment.

4. All "recoverable" (Code R) assemblies or parts removed from major items that're sent in for repair must have each part identified and the major item from which it was removed. Identify the end item by its FSN; insert it on the last line.

When your 2407 is all filled in, complete block 23 and send it with the equipment and equipment log to your support outfit.

Block 23—The person who is authorized to submit the 2407 signs here; the Julian date goes under the signature.

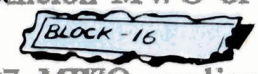
23. SUBMITTED BY	24. RECEIVED BY
SFC R. J. Conn	
JULIAN DATE 4183	JULIAN DATE

DA Form 2407

MWO USE

Fill in the top portion down to and including block 9 the same way as for a maintenance request.

If you're asking support to apply a higher echelon MWO or MWO's, insert the MWO number or numbers in block 16.



It's up to the using unit to make up a 2407 MWO application request on all support maintenance MWO's. This is to be done and forwarded to support as soon as your unit gets the MWO through publication distribution channels.

If an MWO is to be put on several serially numbered components, it's best to call your support to see if they want all components on one 2407 or one form for each component. When support gets all the parts or kits needed to do the job they'll let you know how and when to send the equipment for the work.

On an MWO request, keep copy No. 1 and send the rest to support. When you take the equipment for the MWO job, the receipt copy goes with it. Support will sign and date it in block 24. Hold onto this receipt until you get your modified equipment back along with the completed organizational copy No. 4.

Don't worry about copy No. 2. Support will send it to the NMP or AMDPC.

If you're reporting the accomplishment of an MWO by an organizational shop, you'll have to leave blocks 10 thru 19 blank and put all the installation details in blocks 20a through 20n, like this:

Block 20a—The action code goes here. Get the code from the rear side of the 2407. In this case it'll be "H".

Block 20b—Insert the failure code. Get it from the rear of the form or from Table II, Appendix I in the new TM 38-750. For complete MWO compliance it's "801".

20a. ACTION CODE	b. FAILURE CODE	c. COMPONENT/PART NOUN, SERVICE, OR MWO NO.		
		d. CB CODE	e. REFERENCE DESIGNATOR	f. MF
H	801	MWO 9-2350-208-20/5		
G				

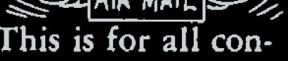
DA Form 2407

PRIORITIES (BLOCK 30)

Here's how they're used:

EMERGENCY—This is for conditions that'll result in fatal or serious injury to personnel, extensive damage to valuable property or could have serious adverse effect on national security. An action of this type should only be taken by someone in authority who would know all the aspects of the situation. This type EIR is sent by TWX or telephone to the national agency then followed up with a 2407 by airmail within five working days.

URGENT—This is for known or suspected conditions which'll result in serious injury, damage or reduced combat effectiveness and under which the equipment can only be operated by using extreme caution. The yellow No. 2 copy gets airmailed to the national agency as soon as possible.



ROUTINE—This is for all conditions other than emergency and urgent. The yellow copy goes by regular mail to the NMP.

Block 20c—The MWO number that you've applied goes here (use columns d, e and f). If you have to put one MWO on several serially numbered components or assemblies, list the serial number of each item that had the MWO applied. When several MWO's are put on one major item, list all MWO's applied in sequence.

Block 20g—Put in the manhours spent installing the MWO. When doing more than one MWO, insert the time for each MWO. Use hours and tenths.

Block 20h—Put in the FSN of the component, assembly or end item that was modified.

b. LOCATION

PLISHING WOR... (Use ✓ or X)
[1] TOE [2] TD
[3] CONTRACTOR

20a. ACTION CODE	b. FAILURE CODE*	c. COMPONENT/PART NOUN, SERVICE, OR MWO NO.	d. CB CODE	e. REFERENCE DESIGNATOR	f. MFR. CODE	g. MANHOURS* (Hours & tenths)	h. FEDERAL STOCK NUMBER	i. PART SOURCE CODE*	j. QUANTITY	k. PARTS COST
H	801	MWO 9-2350-208-20/5				1.	KIT 2590-446-7517		1	
G						.2				

DA Form 2407

Block 20i—The parts source code goes here—get it from the rear side of the form.

Block 20j—Add up the number of each type of MWO's applied and insert the total.

Blocks 20k, m and n—Record of costs. This is only for the equipment that gets a DA Form 2408-11.

Block 20l—Add up the manhours and put total here. Don't forget to add the final inspection time which is identified with action code "G".

Block 22—Check this block only after the MWO or MWO's have been entered in the log—either on the 2408-5 or 2409.

		l. TOTAL MANHOURS 1.2	m. TOTAL MANHOURS COST		n. TOTAL PARTS COST
21. DELAY (Select one - use ✓ or X) [1] PARTS [2] MANPOWER [3] FACILITIES [4] FUNDS [5] TOOLS					22. ✓ DATA TRANSCRIBED TO LOG BOOK
23. SUBMITTED BY	24. RECEIVED BY	25. WORK STARTED BY	26. INSPECTED BY	27. ACCEPTED BY T. Williams	28. DISPOSITION (Select one - Use ✓ or X) [C] SALVAGED
JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE 4183	[A] ✓ TO USER [D] EVACUATED [B] TO STOCK [E] CANNIBALIZATION
SECTION III - EQUIPMENT IMPROVEMENT RECOMMENDATION					
29. NORMAL REPLACEMENT	30. EIR (Select one - use ✓ or X)	31. RECOMMENDATION (Select one - use ✓ or X)	32a. ORGANIZATION/ACTIVITY		c. ORG/ACT IDENT CODE

DA Form 2407

Block 21—If your work was delayed while in progress, check here to indicate why; otherwise leave it blank.

Block 27—The maintenance officer, motor sergeant or whoever's in charge and can give the OK on the work done, signs this block and puts the Julian date directly below.

After the MWO's are done and the 2407's complete, send the No. 2 copy to the NMP or to AMDPC. Appendix II in the new TM 38-750 will tell you where you send it, unless your local command tells you to send them to their local collection activity in accordance with TM 38-750-1.

SUPPORT USES FOR 2407

Your support unit uses the same form to report MWO's that have been applied and other work accomplished.

Section II is where they record all the important data covering the accomplishment of the work requested. This includes the parts used, whether obtained by fabrication, cannibalization, local purchase, rebuild or from other services. If there isn't enough space on the 2407, then the continuation sheet (DA Form 2407-1) is used for the overflow.

Specifics on the support uses of 2407 are covered in the new TM 38-750.

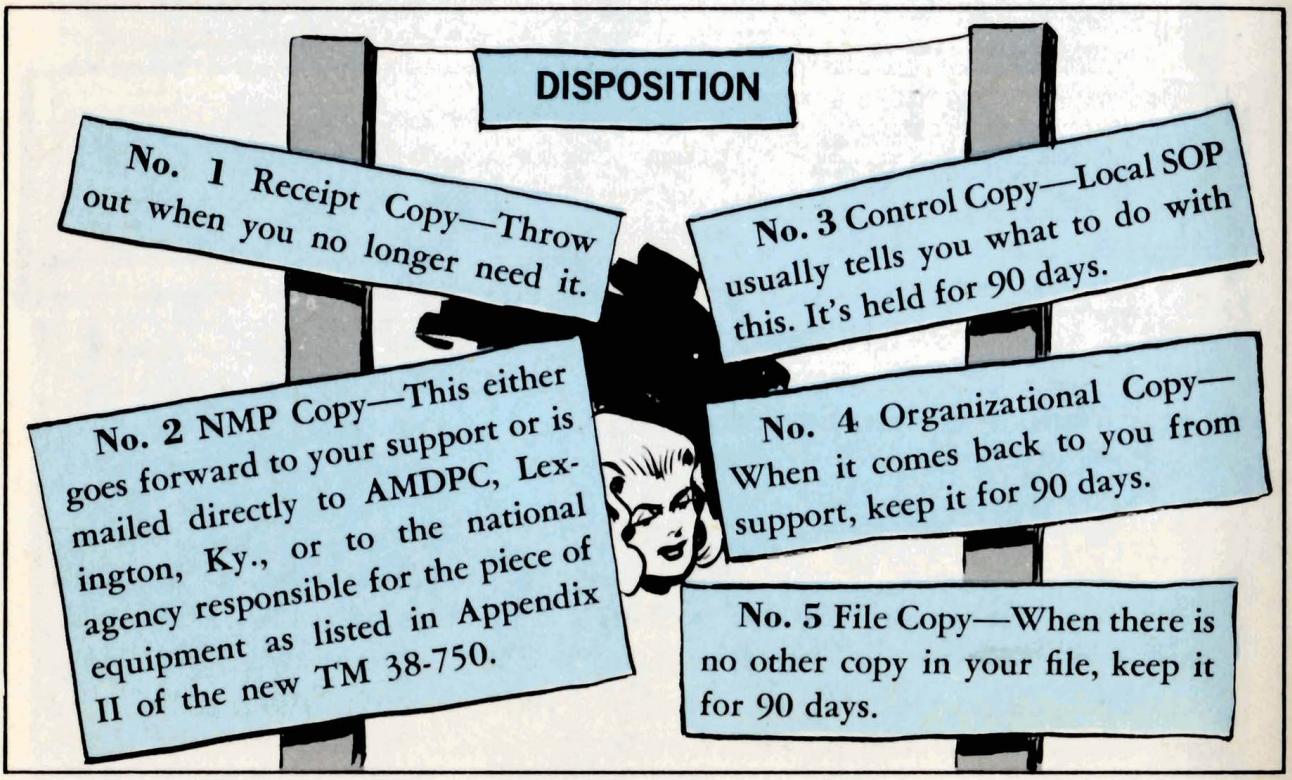
USING THE EIR SECTION

This is the section that's filled-in when you find a deficiency or failure and you want to tell the top maintenance engineers about it. Top-side wants to know about all that're found on new and older equipment due to faulty materiel, poor workmanship, improper assembly or design and premature wear or deterioration. They also want to hear about any condition that's a hazard to personnel, equipment and mission and any installation or maintenance action (in MWO's, TM's, TB's, etc.) that can't be done.

Most of all they'd like to hear of any equipment improvement recommendation that you may have worked out.

Fill in Section III like this:

Check the EIR box on top and later enter the number of pages.



Blocks 1 thru 15—Filling in this section is no different from any other 2407 action. Put in the info that'll identify your outfit and the item your EIR is on.

Then jump to Block 30—Show whether the EIR is Emergency, Urgent or Routine.

Blocks 32a & 32b—This should be the mailing address of the unit submitting the EIR.

Block 31—Put your recommended action here.

Block 32d—Signature of person submitting EIR goes here.

Block 32c—Put in your organization code just like block 1c.

	l. TOTAL MANHOURS	m. TOTAL MANHOURS COST		n. TOTAL PARTS COST	
21. DELAY (Select one - use ✓ or X) [1] PARTS [2] MANPOWER [3] FACILITIES [4] FUNDS [5] TOOLS				22. [ ] DATA TRANSCRIBED TO LOG BOOK	
23. SUBMITTED BY: SFC R. J. Conn	24. RECEIVED BY	25. WORK STARTED BY	26. INSPECTED BY	27. ACCEPTED BY	28. DISPOSITION (Select one - Use ✓ or X) [C] SALVAGED; [A] TO USER; [D] EVACUATED; [B] TO STOCK; [E] CANNIBALIZATION
JULIAN DATE: 4183	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE	

SECTION III - EQUIPMENT IMPROVEMENT RECOMMENDATION

29. NORMAL REPLACEMENT (Select one-use ✓ or X) [1] YES [2] NO	30. EIR (Select one - use ✓ or X) [E] EMERGENCY [U] URGENT [R] ROUTINE	31. RECOMMENDATION (Select one - use ✓ or X) [A] IMPROVE DESIGN [C] REVISE PROCEDURE [B] MODIFY [D] OTHER (Specify)	32a. ORGANIZATION/ACTIVITY: 4TH BN, 37TH ARMOR; b. LOCATION: FORT CUSTER, ILL.	c. ORG/ACT IDENT CODE: 081121B; d. SUBMITTED BY: SFC R. J. Conn
33. FEDERAL STOCK NUMBER: 5945-612-5740	34. NOUN NOMENCLATURE: RELAY: SOLENOID MASTER	35. OPINION OR REMARKS. DESCRIBE CONDITIONS UNDER WHICH FAILURE OCCURRED. ATTACH PHOTOS OR SKETCHES, IF AVAILABLE.		

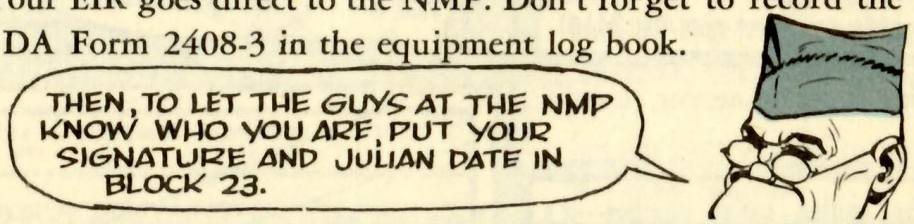
THE RELAY: SOLENOID, MASTER AND STARTER HAS FAILED ON 16 OF 52 M48A2 TANKS ON HAND. ALL FAILURES SEEMED TO OCCUR AFTER AN INACTIVE PERIOD. INSPECTION OF RELAYS INDICATES AN ACCUMULATION OF MOISTURE AND WATER, CAUSING EXCESSIVE CORROSION OF POINTS. EXCESSIVE CORROSION PROHIBITS NORMAL FUNCTION OF RELAY. SEVERAL RELAYS ARE BEING HELD AS EXHIBITS; PHOTOGRAPHS OF CORRODED RELAYS ARE ATTACHED (MORE)

DA Form 2407

Blocks 33 & 34—Give FSN and noun nomenclature of the part that you're going to discuss in the EIR. If this is a part, component or assembly of a major item indicated in block 3 thru 6 then you'd put in the FSN and info on the part.

Block 35—Here's where you tell your story. Give all details. It's better to give too much than too little. If it's a failure, include the type of operation, terrain, climatic conditions or any special conditions. Give it all in an easy smooth explanation and insert any photos or sketches you think necessary to get your point across. If you need more space, use the 2407-1 continuation sheet. When you have an exhibit, tag it with a DA Form 2402 and hold the item until you receive disposition instructions from the NMP. Don't tinker or tear your exhibit apart; leave it just as it is, even if it's oily and greasy.

Your EIR goes direct to the NMP. Don't forget to record the EIR action on the DA Form 2408-3 in the equipment log book.



TROUBLE SPOTS

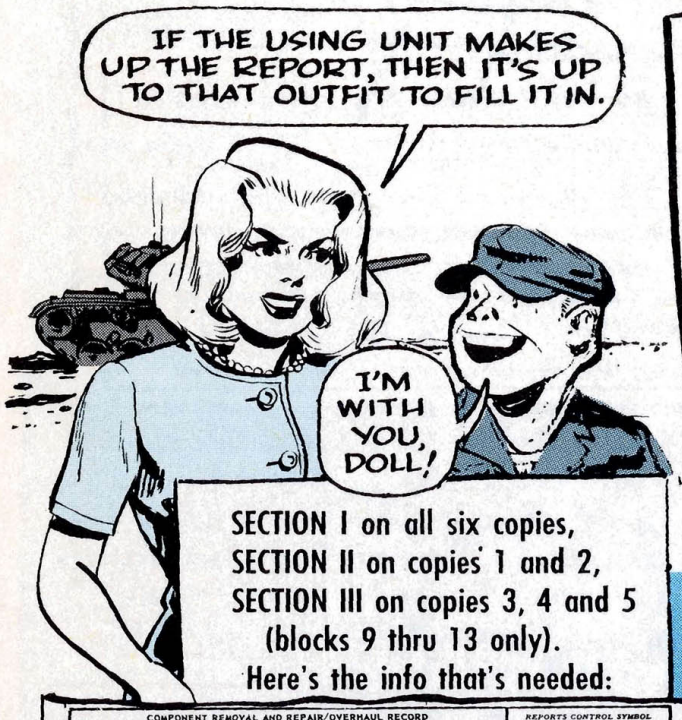
In the past, missing information in blocks 6, 20a and 20h tossed a monkey wrench into the data processing end of this maintenance recording system. Don't let your 2407 mess up the detail; check these specific blocks for complete and accurate information before it's sent to AMDPC or the NMP.

743-498 O - 64 - 4

DA FORM

This is the form that's used when you exchange an engine in any combat vehicle within the 200000 category. The 2410 is a six-copy manifold form that has a main job of keeping troop commanders and commodity managers up-to-date on the whereabouts and condition of these costly recoverable engines.

Normally, when an organizational unit pulls a power pack for engine exchange, the maintenance action must be coordinated with their support unit. Whoever pulls the engine, initiates the 2410.



SECTION I on all six copies,
SECTION II on copies 1 and 2,
SECTION III on copies 3, 4 and 5 (blocks 9 thru 13 only).
Here's the info that's needed:

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD (TM 38-750)		REPORTS CONTROL SYMBOL CSGLD 1051(R-1)	
SECTION I - IDENTIFICATION			
CONTROL NO.	1. NOUN NOMENCLATURE (Comp)	2. MODEL	3. FEDERAL STOCK NO.

SECTION I

Block No. 1—Insert "Engine" (this is the only item in the Combat Vehicle area that gets the 2410).

Control No.—This is a preprinted number, so make no entries.

Block 4—Enter the engine serial number—it's found on the engine data plate.

Block 5-6—These are for the manufacturers code and part numbers—get 'em from support. If they're not available, enter "unknown".

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
(TM 38-750)

SECTION I - IDENTIFICATION

CONTROL NO.	1. NOUN NOMENCLATURE (Comp)	6. PART NO.
B26101	ENGINE	
4. SERIAL NO.	5. MANUFACTURER'S CODE	
601203	CONTINENTAL	8380568
8. FOR AIRCRAFT COMPONENTS ONLY	a. PRIOR OVERHAULS (No.)	b. ESTABLISHED T.B.O. (Hrs) c.

SECTION II - REMOVAL DATA

9. REMOVED FROM (Noun Nomen)	10. MODEL	11. FEDERAL STOCK NO.
TANK	M48A2	2350-346-7560
14. DATE REMOVED (Julian)	15. ORGANIZATION	16. LOCATION
4183	4TH BN, 37TH ARMOR	FORT CUS

18. FAILURE CODE	19. FAILURE DETECTED DURING
181	X A SCHEDULED MAINTENANCE; B HANDLING; C TEST; D NORMAL OPERATION; E; F; G; H

21. DISPOSITION	
X 1	SHIPPED
2	AWAITING SHIPMENT
3	AWAITING REPAIR

22. SHIPPED TO (Organization)	23. LOCATION
6TH ORD Co	FORT CUSTER, ILL
26. RECEIVED BY (Organization)	27. DATE RECEIVED

DA FORM 2410

DA Form 2410

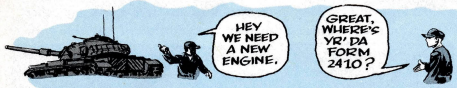
SECTION I

COMPONENT REMOVAL AND REPAIR/OVERHA
(TM 38-750)

SECTION I - IDE

CONTROL NO.	1. NOUN NOMENCLATURE (
B26101	ENGINE
4. SERIAL NO.	5. MANUFACTURER'S CODE
601203	CONTINENTAL
8. FOR AIRCRAFT COMPONENTS ONLY	a. PRIOR OVERHAULS (No.) b. ESTABLISHE

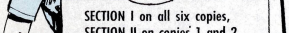
DA FORM 2410 MR



This is the form that's used when you exchange an engine in any combat vehicle within the 200000 category. The 2410 is a six-copy manifold form that has a main job of keeping troop commanders and commodity managers up-to-date on the whereabouts and condition of these costly recoverable engines.

Normally, when an organizational unit pulls a power pack for engine exchange, the maintenance action must be coordinated with their support unit. Whoever pulls the engine, initiates the 2410.

SECTION I on all six copies,
SECTION II on copies 1 and 2,
SECTION III on copies 3, 4 and 5 (blocks 9 thru 13 only).
Here's the info that's needed:



SECTION I

Block No. 1—Insert "Engine" (this is the only item in the Combat Vehicle area that gets the 2410).

Control No.—This is a preprinted number, so make no entries.

Block 4—Enter the engine serial number—it's found on the engine data plate.

Block 5-6—These are for the manufacturers code and part numbers—get 'em from support. If they're not available, enter "unknown".

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
(TM 38-750)

SECTION I - IDENTIFICATION

CONTROL NO.	1. NOUN NOMENCLATURE (Comp)	
B26101	ENGINE	
4. SERIAL NO.	5. MANUFACTURER'S CODE	6. PART NO.
601203	CONTINENTAL	8380568
8. FOR AIRCRAFT COMPONENTS ONLY	a. PRIOR OVERHAULS (No.)	b. ESTABLISHED T.B.O. (Hrs)

SECTION II - REMOVAL DATA

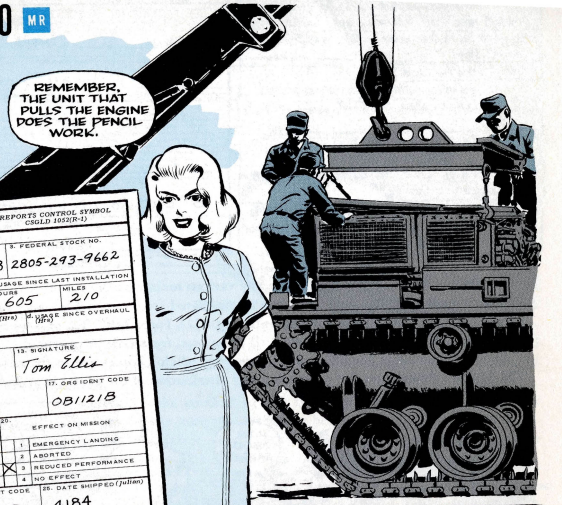
9. REMOVED FROM (Noun Nomen)	10. MODEL	11. FEDERAL STOCK NO.
TANK	M48A2	2350-346-7560
14. DATE REMOVED (Julian)	15. ORGANIZATION	16. LOCATION
4183	4TH BN, 37TH ARMOR	FORT CUSTER, ILL
18. FAILURE CODE	19. FAILURE DETECTED DURING	
181	A SCHEDULED MAINTENANCE	K
	B HANDLING	P
	C TEST	Q
	D NORMAL OPERATION	M
21. DISPOSITION	23. LOCATION	
1 SHIPPED	FORT CUSTER, ILL	
2 AWAITING SHIPMENT		
3 AWAITING REPAIR	27. DATE RECEIVED	
22. SHIPPED TO (Organization)		
6TH ORD CO		
26. RECEIVED BY (Organization)		

DA FORM 2410

DA Form 2410

SECTION I

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
(TM 38-750)
SECTION I - IDENTIFICATION
CONTROL NO. B26101
1. NOUN NOMENCLATURE (Comp) ENGINE
4. SERIAL NO. 601203
5. MANUFACTURER'S CODE CONTINENTAL
6. PART NO. 8380568
8. FOR AIRCRAFT COMPONENTS ONLY
a. PRIOR OVERHAULS (No.)
b. ESTABLISHED T.B.O. (Hrs)



REPORTS CONTROL SYMBOL CSGLD 1052(R-1)

2. MODEL	3. FEDERAL STOCK NO.
AVI-1790-8	2805-293-9662
c. USAGE SINCE NEW (Hrs)	7. USAGE SINCE LAST INSTALLATION: HOURS 605, MILES 210
	d. USAGE SINCE OVERHAUL (Hrs)
12. SERIAL NO. 2410	13. SIGNATURE Tom Ellis
TER, ILL	17. ORG IDENT CODE OB1218
STORAGE	20. EFFECT ON MISSION: 1 EMERGENCY LANDING
INSPECTION	2 ABORTED
FLIGHT	3 REDUCED PERFORMANCE
OTHER	4 NO EFFECT
24. ORG IDENT CODE CB9760B	25. DATE SHIPPED (Julian) 4184
28. SIGNATURE	

REMOVAL REPORT COPY 1

DA Form 2410

Block 2—Insert the engine model, like AOI 402-5 or AOSI 895-5 or AVI 1790-8.

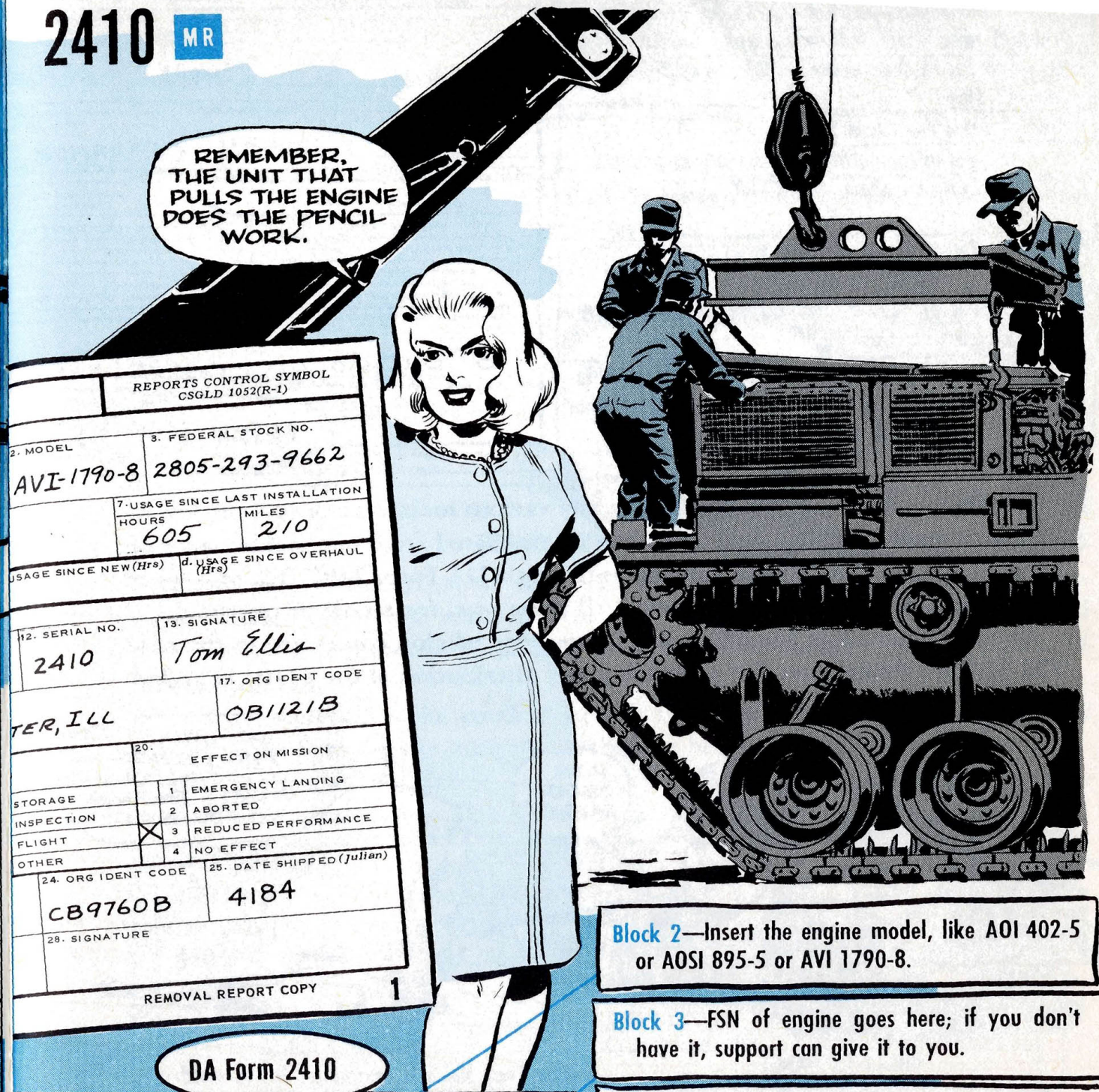
Block 3—FSN of engine goes here; if you don't have it, support can give it to you.

Block 7—Put in the miles and hours the engine has run since installed on end item from which it is being removed.

Block 8—Leave this entire section alone; it's for aircraft only.

COMPONENT REMOVAL AND REPAIR/OVERHAUL RECORD
(TM 38-750)
SECTION I - IDENTIFICATION
CONTROL NO. B26101
1. NOUN NOMENCLATURE (Comp) ENGINE
4. SERIAL NO. 601203
5. MANUFACTURER'S CODE CONTINENTAL
8. FOR AIRCRAFT COMPONENTS ONLY
a. PRIOR OVERHAULS (No.)
b. ESTABLISHED T.B.O. (Hrs)
REPORTS CONTROL SYMBOL CSGLD 1052(R-1)
2. MODEL AVI-1790-8
3. FEDERAL STOCK NO. 2805-293-9662
7. USAGE SINCE LAST INSTALLATION: HOURS 605, MILES 210
c. USAGE SINCE NEW (Hrs)
d. USAGE SINCE OVERHAUL (Hrs)

2410 MR



REPORTS CONTROL SYMBOL CSGLD 1052(R-1)

2. MODEL	3. FEDERAL STOCK NO.
AVI-1790-8	2805-293-9662

7. USAGE SINCE LAST INSTALLATION

HOURS	MILES
605	210

c. USAGE SINCE NEW (Hrs) | d. USAGE SINCE OVERHAUL (Hrs)

12. SERIAL NO.	13. SIGNATURE
2410	Tom Ellis

17. ORG IDENT CODE: OB1121B

TER, ILL

20. EFFECT ON MISSION

STORAGE	1	EMERGENCY LANDING
INSPECTION	2	ABORTED
FLIGHT	X 3	REDUCED PERFORMANCE
OTHER	4	NO EFFECT

24. ORG IDENT CODE	25. DATE SHIPPED (Julian)
CB9760B	4184

28. SIGNATURE

REMOVAL REPORT COPY 1

DA Form 2410

UL RECORD | REPORTS CONTROL SYMBOL CSGLD 1052(R-1)

NTIFICATION

(Comp)	2. MODEL	3. FEDERAL STOCK NO.
	AVI-1790-8	2805-293-9662

ART NO. 3380568

7. USAGE SINCE LAST INSTALLATION

HOURS	MILES
605	210

D T.B.O. (Hrs) | c. USAGE SINCE NEW (Hrs) | d. USAGE SINCE OVERHAUL (Hrs)

Block 2—Insert the engine model, like AOI 402-5 or AOSI 895-5 or AVI 1790-8.

Block 3—FSN of engine goes here; if you don't have it, support can give it to you.

Block 7—Put in the miles and hours the engine has run since installed on end item from which it is being removed.

Block 8—Leave this entire section alone; it's for aircraft only.

Block 9—Identify the combat vehicle (by noun nomenclature) from which the engine was removed.

Block 10—Put in the vehicle's "M" designation; M60, M48A2, M56.

Block 14—Use the Julian date.

Put in the outfit that did the job.

Block 16—Location (Post, Fort, etc) of the outfit in Block 15.

Block 18—Enter the failure code from Tables I or II in the new TM38-750 that describes the failure best.

Block 19—Put an X or ✓ (check) that tells when the bad engine was discovered.

Block 21 thru 25—These cover the disposition, shipping and receiving info on the engine—get together with your support unit on these entries.

SECTION II - RE

9. REMOVED FROM (Noun Nomen)	10. MODEL	11. FEDERAL S
TANK	M48A2	2350-3

14. DATE REMOVED (Julian)	15. ORGANIZATION	16.
4183	4TH BN, 37TH ARMOR	

18. FAILURE CODE	19. FAILURE DETE
181	

21. DISPOSITION					
X	1	SHIPPED	X	A	SCHEDULED MAINTENA
	2	AWAITING SHIPMENT		B	HANDLING
	3	AWAITING REPAIR		C	TEST
				D	NORMAL OPERATION

22. SHIPPED TO (Organization)	23. LOCATION
6TH ORD Co	FORT CUSTER

26. RECEIVED BY (Organization)	27. DATE R

DA Form 2410

DA FORM 2410

REPAIR AND OVERHAUL COPIES

Copies 3, 4 and 5 are always handled by various maintenance support levels. The forms are made so the engine can be evacuated from one maintenance or overhaul activity to another without initiating a DA Form 2407. There is space on the rear side of Copy 5 for listing all parts used for repair or overhaul.

Specific procedures for filling in the support echelon copies are in the new TM 38-750. Procedures for processing and distribution of the 2410 via EAM/ADP are in TM 38-750-1.

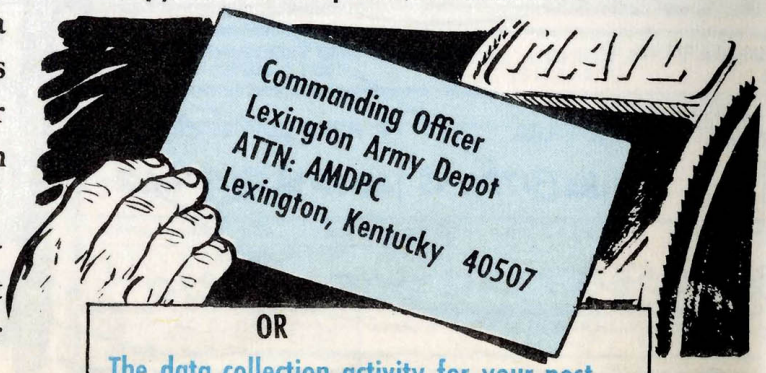
DIRECT EXCHANGE

When you make out the 2410 for a direct-exchange engine, deliver copies 2 thru 6 to your support unit. No other paper work is necessary, not even an Exchange Tag (DA Form 2402).

If support cannot deliver you a replacement engine, they'll fill in the rest of Section II and return it for your receipt and due-out.

MAILING ADDRESS

After Copy No. 1 is completed, it's forwarded to:



OR

The data collection activity for your post.

SECTION II

Block 9—Identify the combat vehicle (by noun nomenclature) from which the engine was removed.

Block 10—Put in the vehicle's "M" designation; M60, M48A2, M56.

Block 14—Use the Julian date.

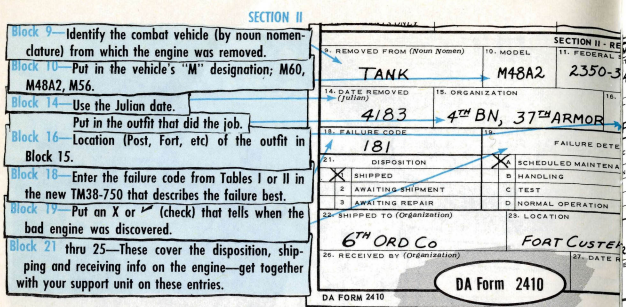
Put in the outfit that did the job.

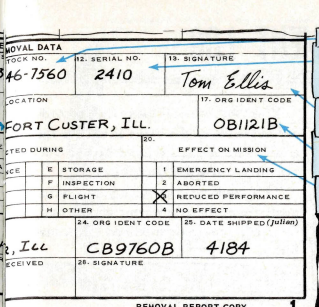
Block 16—Location (Post, Fort, etc) of the outfit in Block 15.

Block 18—Enter the failure code from Tables I or II in the new TM38-750 that describes the failure best.

Block 19—Put an X or ✓ (check) that tells when the bad engine was discovered.

Block 21 thru 25—These cover the disposition, shipping and receiving info on the engine—get together with your support unit on these entries.





Block 11—The FSN of the combat vehicle.

Block 12—The vehicle serial number goes here. It's usually found stamped into the hull. Avoid the USA number.

Block 13—The person's signature authorizing the removal goes here.

Block 17—Your organization code—no more than seven digits.

Block 20—Enter the effect that the bad engine has on your outfit's mission. Your CO should decide this.

REPAIR AND OVERHAUL COPIES

Copies 3, 4 and 5 are always handled by various maintenance support levels. The forms are made so the engine can be evacuated from one maintenance or overhaul activity to another without initiating a DA Form 2407. There is space on the rear side of Copy 5 for listing all parts used for repair or overhaul.

Specific procedures for filling in the support echelon copies are in the new TM 38-750. Procedures for processing and distribution of the 2410 via EAM/ADP are in TM 38-750-1.

DIRECT EXCHANGE

When you make out the 2410 for a direct-exchange engine, deliver copies 2 thru 6 to your support unit. No other paper work is necessary, not even an Exchange Tag (DA Form 2402).

If support cannot deliver you a replacement engine, they'll fill in the rest of Section II and return it for your receipt and due-out.

MAILING ADDRESS

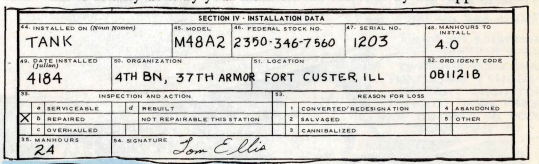
After Copy No. 1 is completed, it's forwarded to:

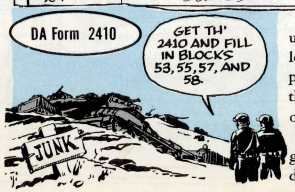
ENGINE INSTALLATION

Copy No. 6—This portion of the 2410 is used when you install a replacement engine. The form will come to you along with your new engine. It'll have Section I and blocks 33 and 35 filled in. Your concern will be blocks 44 thru 52 and 54.

This area identifies the combat vehicle that's getting the new engine. The requirements here are the same as covered by blocks 9 thru 17 in Section I.

After the installation job is over, block 54 gets signed to verify the installation—this is usually done by your maintenance officer or by the support unit.





Blocks 53, 55, 56, 57 and 58 are not used for the installation report . . . so leave them blank. They're used for reporting losses in inventory; like when the engine is transferred to a non-Army outfit or to the junk pile.

When Copy No. 6 is complete it also gets mailed to AMDPC or to your local data collection activity.

MOVAL DATA

STOCK NO.	12. SERIAL NO.	13. SIGNATURE
46-7560	2410	Tom Ellis

LOCATION	17. ORG IDENT CODE
FORT CUSTER, ILL.	OB1121B

CTED DURING				20. EFFECT ON MISSION	
NCE		E	STORAGE	1	EMERGENCY LANDING
		F	INSPECTION	2	ABORTED
		G	FLIGHT	X 3	REDUCED PERFORMANCE
		H	OTHER	4	NO EFFECT

	24. ORG IDENT CODE	25. DATE SHIPPED (Julian)
2, ILL	CB9760B	4184
ECEIVED	28. SIGNATURE	

REMOVAL REPORT COPY 1

Block 11—The FSN of the combat vehicle.

Block 12—The vehicle serial number goes here. It's usually found stamped into the hull. Avoid the USA number.

Block 13—The person's signature authorizing the removal goes here.

Block 17—Your organization code—no more than seven digits.

Block 20—Enter the effect that the bad engine has on your outfit's mission. Your CO should decide this.

ENGINE INSTALLATION

Copy No. 6—This portion of the 2410 is used when you install a replacement engine. The form will come to you along with your new engine. It'll have Section I and blocks 33 and 35 filled in. Your concern will be blocks 44 thru 52 and 54.

This area identifies the combat vehicle that's getting the new engine. The requirements here are the same as covered by blocks 9 thru 17 in Section I.

After the installation job is over, block 54 gets signed to verify the installation—this is usually done by your maintenance officer or by the support unit.

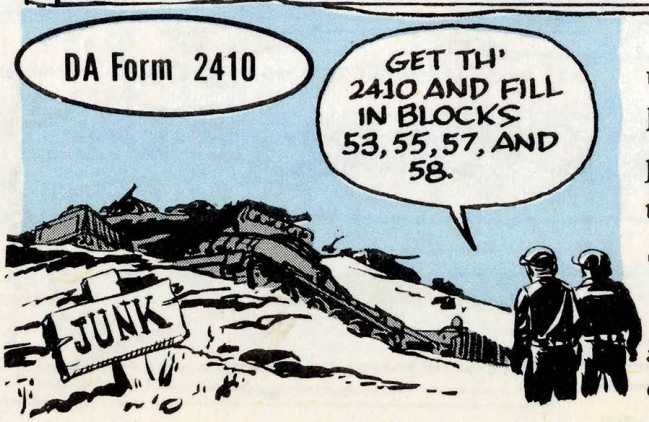
SECTION IV - INSTALLATION DATA

44. INSTALLED ON (Noun Nomen)	45. MODEL	46. FEDERAL STOCK NO.	47. SERIAL NO.	48. MANHOURS TO INSTALL
TANK	M48A2	2350-346-7560	1203	4.0

49. DATE INSTALLED (Julian)	50. ORGANIZATION	51. LOCATION	52. ORD IDENT CODE
4184	4TH BN, 37TH ARMOR	FORT CUSTER, ILL	OB1121B

33. INSPECTION AND ACTION				53. REASON FOR LOSS			
a	SERVICEABLE	d	REBUILT	1	CONVERTED/REDESIGNATION	4	ABANDONED
X b	REPAIRED		NOT REPAIRABLE THIS STATION	2	SALVAGED	5	OTHER
c	OVERHAULED			3	CANNIBALIZED		

35. MANHOURS	54. SIGNATURE
24	Tom Ellis



Blocks 53, 55, 56, 57 and 58 are not used for the installation report . . . so leave them blank. They're used for reporting losses in inventory; like when the engine is transferred to a non-Army outfit or to the junk pile.

When Copy No. 6 is complete it also gets mailed to AMDPC or to your local data collection activity.

YOUR EQUIPMENT LOG

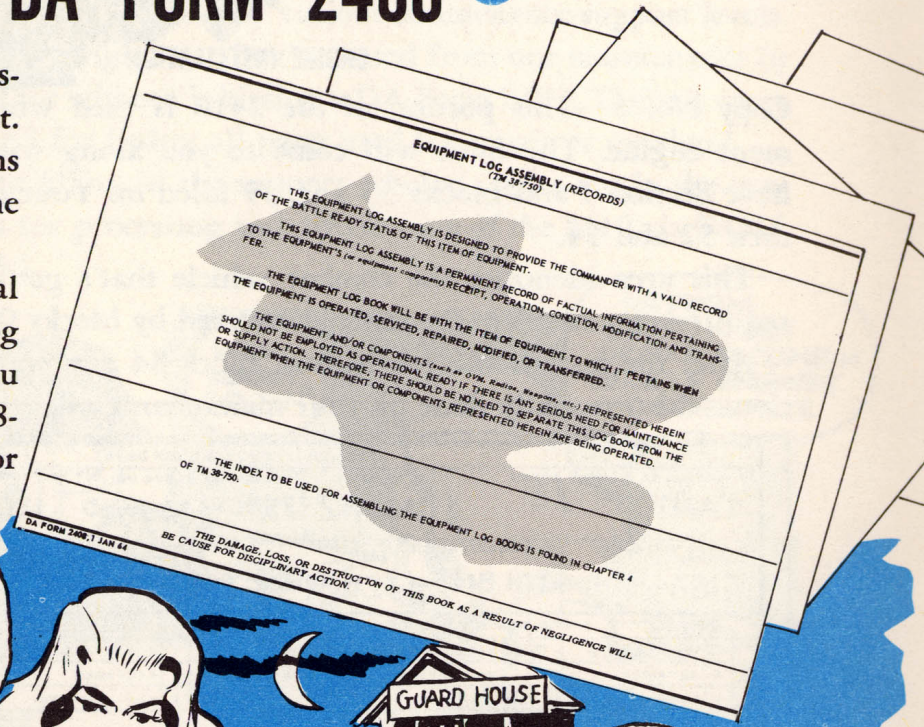
Your equipment historical records are made up of the cards listed for the equipment in para 4-26 of TM 38-750 assembled in a log book binder.

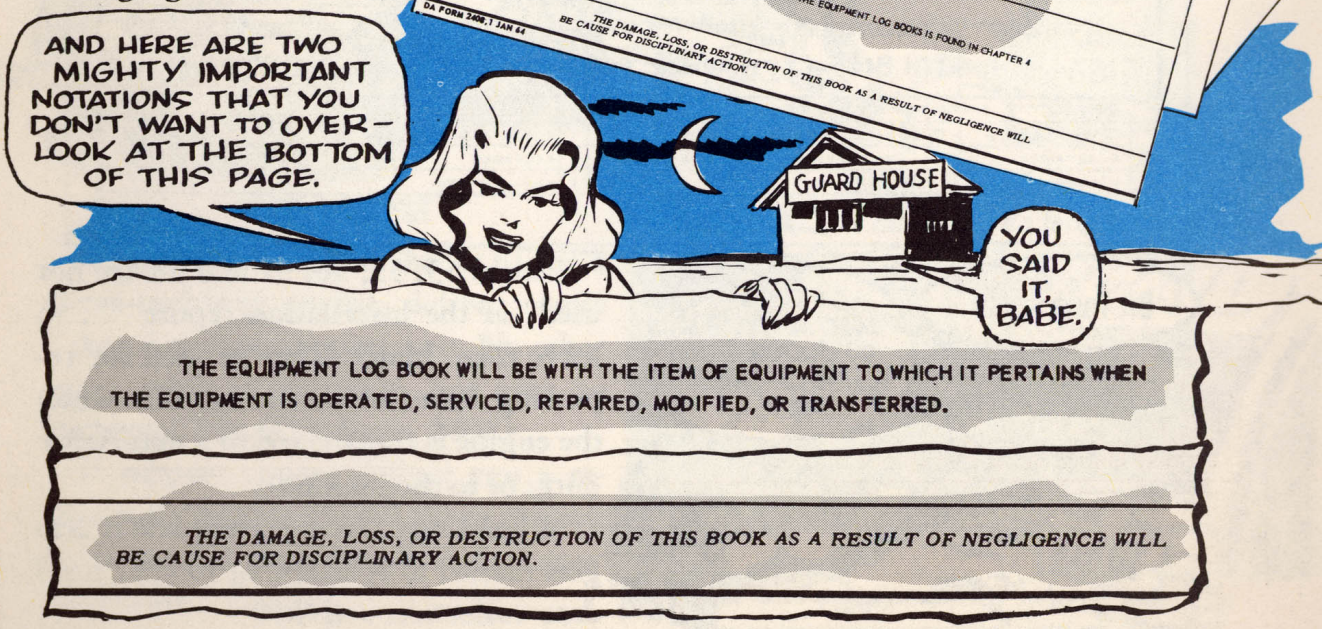
This book will be with your equipment when the equipment is operated, serviced, repaired, modified or transferred.

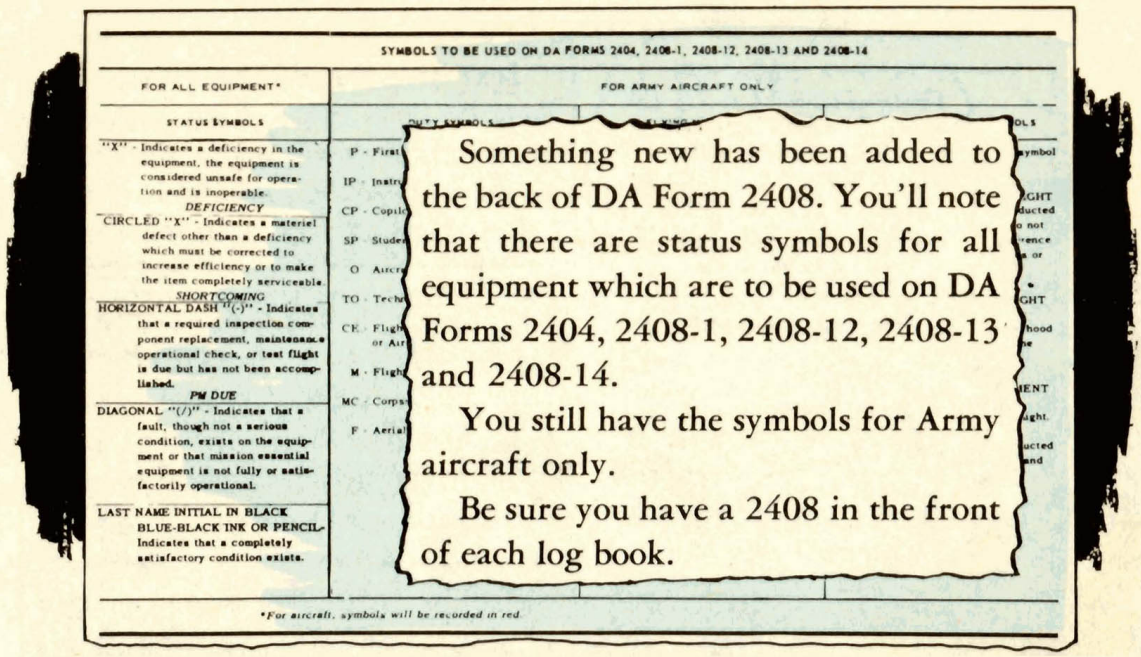
DA FORM 2408 HR

This Equipment Log Assembly used to be just that. It told you how the forms were to be arranged in the log book.

You'll still find general instructions about the log book. It also tells you where to look in TM 38-750 to find the index for arranging the forms.







SYMBOLS TO BE USED ON DA FORMS 2404, 2408-1, 2408-12, 2408-13 AND 2408-14

FOR ALL EQUIPMENT*

STATUS SYMBOLS

"X" - Indicates a deficiency in the equipment, the equipment is considered unsafe for operation and is inoperable.

DEFICIENCY

CIRCLED "X" - Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

SHORTCOMING

HORIZONTAL DASH "(-)" - Indicates that a required inspection component replacement, maintenance operational check, or test flight is due but has not been accomplished.

PM DUE

DIAGONAL "(/)" - Indicates that a fault, though not a serious condition, exists on the equipment or that mission essential equipment is not fully or satisfactorily operational.

LAST NAME INITIAL IN BLACK BLUE-BLACK INK OR PENCIL - Indicates that a completely satisfactory condition exists.

FOR ARMY AIRCRAFT ONLY

DUTY SYMBOLS

P - First
IP - Instr
CP - Copil
SP - Stude
O - Aircr
TO - Tech
CE - Flight or Air
M - Flight
MC - Corps
F - Aerial

*For aircraft, symbols will be recorded in red.

Something new has been added to the back of DA Form 2408. You'll note that there are status symbols for all equipment which are to be used on DA Forms 2404, 2408-1, 2408-12, 2408-13 and 2408-14.

You still have the symbols for Army aircraft only.

Be sure you have a 2408 in the front of each log book.

EQUIPMENT DAILY OR MONTHLY LOG HR

DA Form 2408-1 is practically the same as the old equipment daily or monthly log. And, it still has the same purpose—to keep a continuous record of operation of a piece of equipment.

It might help if you jot down mileage of next "Q" and next lube.

This is a status symbol (see DA Form 2408). It indicates a deficiency in the equipment, the equipment is considered unsafe for operation and is inoperable.

Be sure to put down the name and model of your vehicle (Block 1). And there's still space for the registration or serial number (Block 2).

1. NOMENCLATURE: TANK, M48A2

2. REGISTRATION OR SERIAL NUMBER: 9B-6314

3. NEXT PERIODIC SERVICE DUE (Date): 18 SEP 64

4. NEXT LUBRICATION DUE (Date): 18 SEP 64

5. TYPE OF LOG: [✓] DAILY [ ] MONTHLY

a DATE OF ENTRY	b READING HOURS / MILES	c TOTAL FUEL ADDED (Gal)	d OIL ADDED (Qt) ENGINES	d OIL ADDED (Qt) TRANSMISSION	e WERE THERE ANY UNCORRECTED DEFICIENCIES OR SHORTCOMINGS IN COLUMN C, DA FORM 2404? (Check one) YES	e NO	f CHECK BELOW IF EQUIPMENT IS OPERATIONAL	d SIGNATURE OF OPERATOR OR CREW CHIEF	h INDICATE NUMBER OF DAYS NON-OPERATIONAL AND SIGN BELOW AFTER EQUIPMENT IS AGAIN OPERATIONAL: NO. DAYS ORG	NO. DAYS SPT	SIGNATURE
4244	36 / 1030	BROUGHT FORWARD FROM AUG					✓	James Craig					
4245	44 / 1070	60				✓		Martin Cuppet					
4249	44 / 1070				X			Harold L. Gauthier	2		John B. Bockinger		
4251	45 / 1080					✓	✓	Louie Shirell					
4253	46 / 1087	20			/		✓	Louie Shirell					
4273	54 / 1103	12				✓	✓	Louie Shirell					
4274	54 / 1103	BROUGHT FORWARD FROM SEP					✓	Louie Shirell					
4274	56 / 1119	40				✓	✓	Louie Shirell					

You now have blocks to put down when the next periodic service is due (Block 3); and when the next lubrication is due (Block 4).

This indicates that a fault, thought not a serious condition, exists on the equipment or that mission essential equipment is not fully or satisfactorily operational.

You'll also find the block that you check to tell whether the log's being used for a Daily or Monthly has been moved from the bottom of the top of the form (Block 5).

TAKE A LOOK AT PARAGRAPH 4-26 OF TM 38-750 TO SEE IF YOUR PIECE OF EQUIPMENT IS LISTED THERE. THEN FOLLOW ACROSS TO SEE IF THE 2408-1 IS CHECKED...

TM 38-750

Don't forget that you have a space to put down the status symbol if your vehicle has an uncorrected shortcoming or a deficiency. If you don't have any, then make a ✓ in column f and sign your name in column g.

LESSEE NOW HOW LONG WAS SHE NON-AVAILABLE.

When you've got a deficiency in column e, the number of days the equipment is non-operational in organizational or support maintenance will be shown in column h, and the entry will be signed by your maintenance sergeant or mechanic.

At the beginning of the month you record the hours and/or odometer reading for your equipment in column b. You put a note in brackets that the information was carried over from previous month. The person making the entry signs in column g.

By looking at the filled-in forms you can tell what's what. You'll have a record of hours and/or miles the equipment was operated. If fuel and oil had to be added while the equipment was being operated, it should be there too. You'll also be able to tell the number of days the piece of equipment was operated.

If a piece of equipment is air dropped write "AIR DROPS" in one of the blank spaces in column d. Each time the piece of equipment is dropped by parachute, put down the number "1" under the heading on the date of the drop.

The crew fills out the form columns a through g at the end of a day's operation. And your platoon leader or sergeant will check it over to make sure it's accurate and complete.

An item of equipment which is inoperable any part of a day and then restored to a serviceable condition the same day will be charged as ½ day non-operational. But if the equipment is non-operational for two or more days, you don't break it down into half a day but use a whole day. For instance if it was non-operational for 3½ days you would record 4 in No. Days.

SO WHAT IF YOU RUN OUT OF SPACE BEFORE THE END OF THE MONTH? THAT'S EASY, JUST CONTINUE IT ON ANOTHER 2408-1 AND, IF YOU HAVE SPACE LEFT OVER AT THE END OF THE MONTH, YOU CAN START THE NEXT MONTH, ON THE SAME FORM.

LEAVE BLANK

1. NOMENCLATURE: TANK, M48A2
2. REGISTRATION OR SERIAL NUMBER: 9B-6314
3. NEXT PERIODIC SERVICE DUE (Date)
4. NEXT LUBRICATION DUE (Date)
5. TYPE OF LOG: ☐ DAILY ☑ MONTHLY

DA Form 2408-1

DATE OF ENTRY a	READING HOURS/MILES b	TOTAL FUEL ADDED (Gal) c	OIL ADDED (Qts) d: ENGINES	TRANSMISSION	FINAL DRIVE	TURRET HYDRAULIC	WERE THERE ANY UNCORRECTED DEFICIENCIES OR SHORTCOMINGS IN COLUMN C, DA FORM 2404? (Check one) e: YES	NO	CHECK BELOW IF EQUIPMENT IS OPERATIONAL f	SIGNATURE OF OPERATOR OR CREW CHIEF g	INDICATE NUMBER OF DAYS NON-OPERATIONAL AND SIGN BELOW AFTER EQUIPMENT IS AGAIN OPERATIONAL h: NO. DAYS ORG	NO. DAYS SPT	SIGNATURE
SEP 64	18/73	189	2	2	2	1					2	0	W. J. Bonka

The monthly log works very much the same as the daily log except the Monthly is checked instead of Daily. And you have a total for the month—total miles and/or hours operated, total fuel used, total lube added (in quarts). And there are blank spaces in column d so that you can list other parts that needed oil or lube—such as final drive, etc.

In column h put the total number of days the equipment was non-operational at organizational and support maintenance during the month. If there were no non-operational days during the month, put down "0".

And, don't forget to add the number of air drops for the month and put the total in the "AIR DROPS" column. (You write in "AIR DROPS" in one of those blank spaces in column d.)

Also, at the end of the 2nd and 4th quarters of each fiscal year (31 Dec and 30 Jun) you take the total number of gallons of fuel added to your vehicle during the preceding 6 month period and show it in the remarks section of DA Form 2408-3.

There's another big difference in the daily and monthly log and that is how long you keep it. You keep the daily log 90 days and then destroy it. The **monthly** log is a **permanent record** and **will not** be destroyed.

HR EQUIPMENT LUBE RECORD

DA Form 2408-2

1. NOMENCLATURE: TANK, M48
2. REGISTRATION OR SERIAL NO.: 9B-1340
3. LUBRICATION ORDER: NUMBER 9-2350-208-12 DATE MAY 63

DATE a	READING b: HOURS	MILES	OIL CHANGES (Qts) c: ENGINE	TRANSMISSION	TRANSFER CASE	GEAR BOXES	FINAL DRIVES	AIR CLEANER	OIL FILTER SVC OR CHANGE (S or C) d: ENGINE	TRANSMISSION	AUX ENG				COMPLETE LUBRICATION (Yes or No) e: CHASSIS	TURRET	HULL	MOUNT	REMARKS f	SIGNATURE g
4 JUN 63	236	4109	64	88					S	S					NO	YES	NO	NO	SUPP MAINT	Ned Elmore
1 JUL 63	242	4160						7	S	S	S				YES	YES	YES	YES	"Q" SERVICE	Jesse Bordes
1 AUG 63	251	4253	64						S	S					NO	YES	NO	YES		Ned Elmore

You fill out the DA Form 2408-2, equipment lubrication record, just like you have been.

Just as the name of the form implies, it's a record of lubrication services both scheduled and unscheduled.

Whoever does the service will fill out the 2408-2.

There's been a change in LO poop for the Continental engines and new Allison transmissions. So you tracked vehicle men get hold of TB ORD 694 and see if your engine or transmission is listed there.

You keep the lube record, alias DA Form 2408-2, in the equipment log for one year from the date of the last entry. Then you take it out of the book and destroy it.

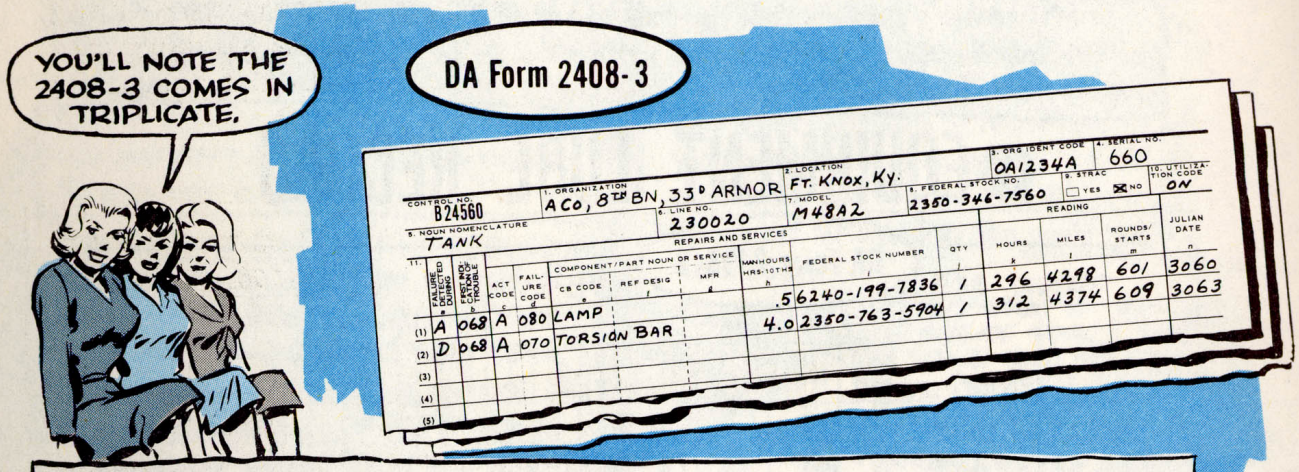
743-498 O - 64 - 5

DA FORM

This form tells you at a glance just what has happened to your equipment as far as maintenance is concerned. You'll find a record of maintenance services, inspections and repairs which required parts at the organizational level.

You'll also find all the dope if the piece of equipment's been out of service. You should be able to tell at a glance just how long and why.

But, there's something to keep in mind when you're filling out the 2408-3. It must be accurate and complete, and the info should be sent out when it's due out.

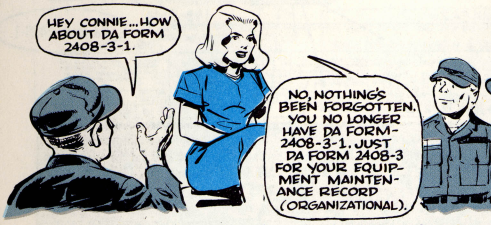


The **CONTROL COPY** (No. 1) is for use by local or higher headquarters. The local commander decides what is to be done with it.

The **LOG BOOK COPY** (No. 2) is the record copy in the equipment log.

The **NMP COPY** (No. 3) is mailed to one of the addresses listed in Appendix II of TM 38-750. You pick out the one it should go to unless your local headquarters prescribes all these copies should come to a local collection activity.

You can save some time and energy by recording corrective action right on the DA Form 2408-3 or 2409 instead of column d and e of DA Form 2404. In case you apply an MWO, record it on DA Form 2408-5, and make a 2407 to report the MWO.

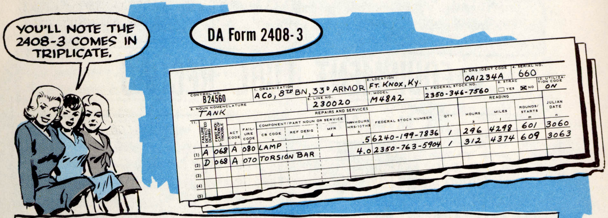


DA FORM 2408-3

This form tells you at a glance just what has happened to your equipment as far as maintenance is concerned. You'll find a record of maintenance services, inspections and repairs which required parts at the organizational level.

You'll also find all the dope if the piece of equipment's been out of service. You should be able to tell at a glance just how long and why.

But, there's something to keep in mind when you're filling out the 2408-3. It must be accurate and complete, and the info should be sent out when it's due out.



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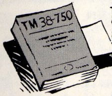
You can save some time and energy by recording corrective action right on the DA Form 2408-3 or 2409 instead of column d and e of DA Form 2404. In case you apply an MWO, record it on DA Form 2408-5, and make a 2407 to report the MWO.

Now if you're not sure whether your piece of equipment has to have a 2408-3, take a look at the list in para 4-26 of TM 38-750.

If you do maintenance service, repair, or inspect (this includes CMMI, roadside spot inspections, etc.) the equipment, here are the blocks you'll want to fill in on the 2408-3.



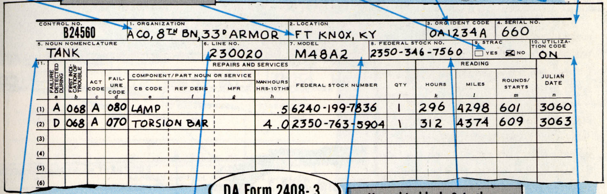
In block 3 put down your organization's identification code. Better check paragraph 1-4h of the TM for this one. (You can't use more than seven digits.)

In block 4 you enter your equipment's serial number. If your equipment has more than ten digits, use only the last ten. If the item doesn't have a serial number, put down N/A.

You put in the name of your organization (block 1). Use the name that's used on the property book, stock record or other property account for the item.

If your outfit has a STRAC classification, then ✓ the YES block. If you're not a STRAC outfit, then ✓ NO.

The location (block 2).



DA Form 2408-3

In block 5 you put down the name of your equipment.

In block 6 put the line number of the item you listed in block 5.

You get the line number from the items listed in para 4-26 of TM 38-750. If the item doesn't have a line number, then put N/A.

And in block 7, put down the model number of the equipment. If it doesn't have one put N/A.

Now this block 8 is the one you've got to watch. You're supposed to give the Federal Stock Number for your piece of equipment.

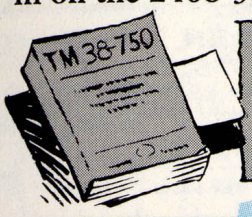
From here on you're going to be running into codes, so better note 'em with care lest you get 'em mixed.

The first one you meet is the Utilization Code in block 10. If you'll turn to Table VII of Appendix I, TM 38-750, you'll see all the codes. Pick the one which applies to your outfit or equipment.

2408-3

Now if you're not sure whether your piece of equipment has to have a 2408-3, take a look at the list in para 4-26 of TM 38-750.

If you do maintenance service, repair, or inspect (this includes CMMI, roadside spot inspections, etc.) the equipment, here are the blocks you'll want to fill in on the 2408-3.



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In block 4 you enter your equipment's serial number. If your equipment has more than ten digits, use only the last ten. If the item doesn't have a serial number, put down N/A.

You put in the name of your organization (block 1). Use the name that's used on the property book, stock record or other property account for the item.

If your outfit has a STRAC classification, then ✓ the YES block. If you're not a STRAC outfit, then ✓ NO.

The location (block 2).

CONTROL NO.	1. ORGANIZATION	2. LOCATION	3. ORG IDENT CODE	4. SERIAL NO.
B24560	ACO, 8TH BN, 33D ARMOR	FT KNOX, KY	OA1234A	660

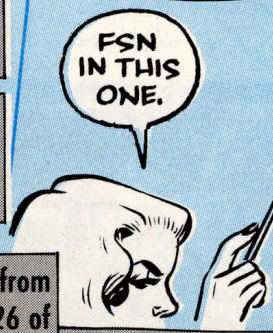
5. NOUN NOMENCLATURE	6. LINE NO.	7. MODEL	8. FEDERAL STOCK NO.	9. STRAC	10. UTILIZATION CODE
TANK	230020	M48A2	2350-346-7560	☐ YES ☒ NO	ON

11.	REPAIRS AND SERVICES										READING			
	FAILURE DETECTED DURING (a)	FIRST INDICATION OF TROUBLE (b)	ACT CODE (c)	FAILURE CODE (d)	COMPONENT/PART NOUN OR SERVICE: CB CODE (e)	REF DESIG (f)	MFR (g)	MANHOURS HRS-10THS (h)	FEDERAL STOCK NUMBER (i)	QTY (j)	HOURS (k)	MILES (l)	ROUNDS/STARTS (m)	JULIAN DATE (n)
(1)	A	068	A	080	LAMP			.5	6240-199-7836	1	296	4298	601	3060
(2)	D	068	A	070	TORSION BAR			4.0	2350-763-5904	1	312	4374	609	3063
(3)														
(4)														
(5)														
(6)														

DA Form 2408-3

In block 5 you put down the name of your equipment.

In block 6 put the line number of the item you listed in block 5.



Now this block 8 is the one you've got to watch. You're supposed to give the Federal Stock Number for your piece of equipment.

From here on you're going to be running into codes, so better note 'em with care lest you get 'em mixed.

You get the line number from the items listed in para 4-26 of TM 38-750. If the item doesn't have a line number, then put N/A.

And in block 7, put down the model number of the equipment. If it doesn't have one put N/A.

The first one you meet is the Utilization Code in block 10. If you'll turn to Table VII of Appendix I, TM 38-750, you'll see all the codes. Pick the one which applies to your outfit or equipment.

You can use the space entitled "Component/Part Noun or Service" to list components, assemblies, or end items upon which work was completed. Columns 11e, f and g are not for use on combat vehicles.

In block 11h put down the manhours (hours and tenths) used for each major action—and that includes inspection time.

Here in block 11i you put the FSN or manufacturer's part number (if FSN isn't available) for the replacement item you used. You don't list common hardware items such as nuts, bolts, screws, tire patches, etc.

In block 11a you put down the code which shows when you detected the failure.

Then in block 11b put down the code which gives the First Indication of Trouble.

In block 11c enter the Action Code. You now have more items to choose from so give them the eagle-eye so you'll get the right one.

If you have some remarks to make about the entries, you can put them in block 12. Be sure and tell which line the remarks apply to.

Block 13a indicates the total number of days in the month your equipment could have been available for use.

In here you show the total number of days your equipment was on hand (on property record) in your outfit. Include those days it may have been in support maintenance. Be sure you don't count those days your item was on loan to another unit.

Now, before you do anything with the copies of this form, be sure to: Write the words "Closed Out" on line 12 and show the current mileage, hours, rounds fired as of the last day of the month. Then enter the Julian date for the last day of the month in column "n".

AHAH!

CONTROL NO. B24560

1. ORGANIZATION: A CO, 8TH BN, 33D ARMOR

2. LO: F

5. NOUN NOMENCLATURE: TANK

6. LINE NO.: 230020

7. MC: M

11. REPAIRS AND SERVICES

	FAILURE DETECTED DURING a	FIRST INDICATION OF TROUBLE b	ACT CODE c	FAILURE CODE d	COMPONENT/PART NOUN OR SERVICE	CB CODE e	REF DESIG f	MFR g	MANHOURS HRS-10THS h	FEI
(1)	A	068	A	080	LAMP				.5	62
(2)	D	068	A	070	TORSION BAR				4.0	23
(3)										

And in block 11d you give the Failure Code which applies to your equipment. Many of these codes can be easily found on the back of your 2408-3.

And in this block 11k you enter total hous that the equipment listed in block 5 has been operated. If this doesn't apply, put N/A.

(12) CLO

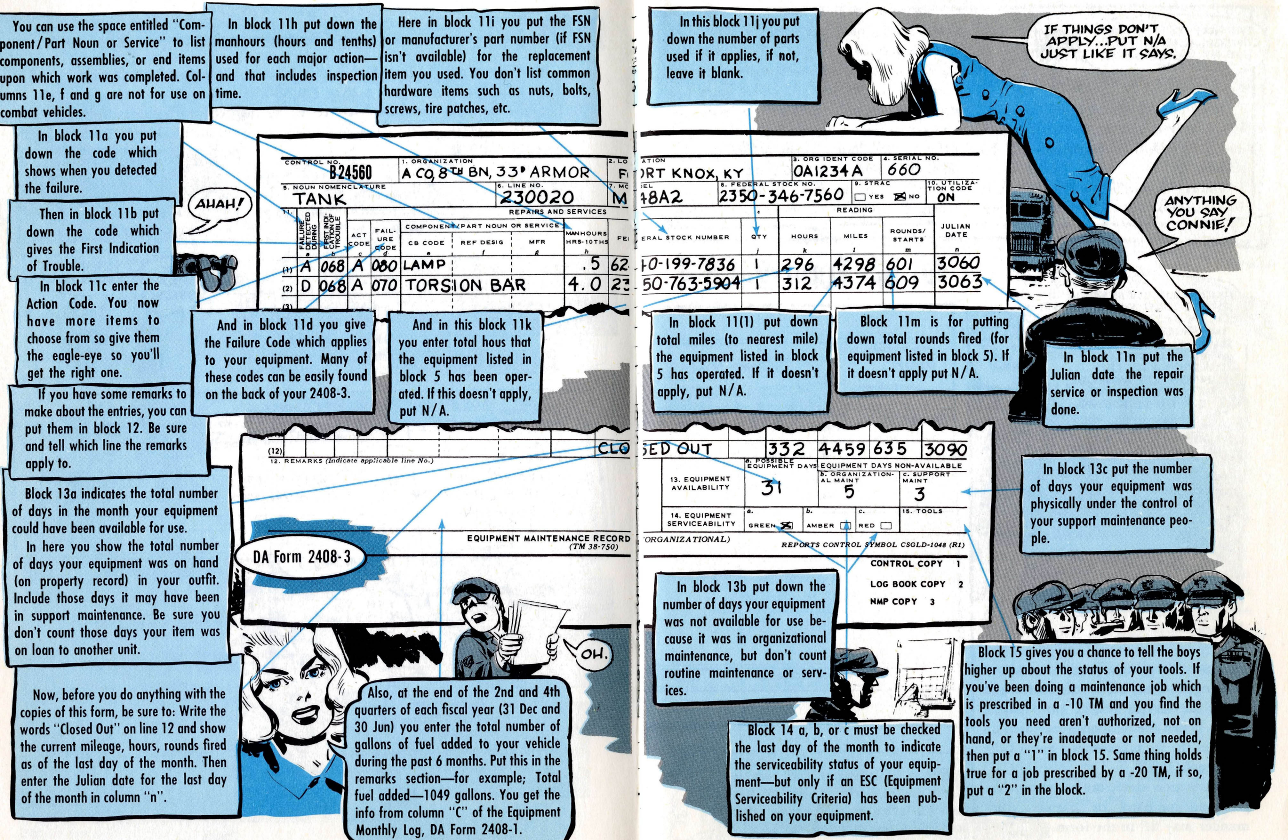
12. REMARKS (*Indicate applicable line No.*)

EQUIPMENT MAINTENANCE RECORD
(TM 38-750)

DA Form 2408-3

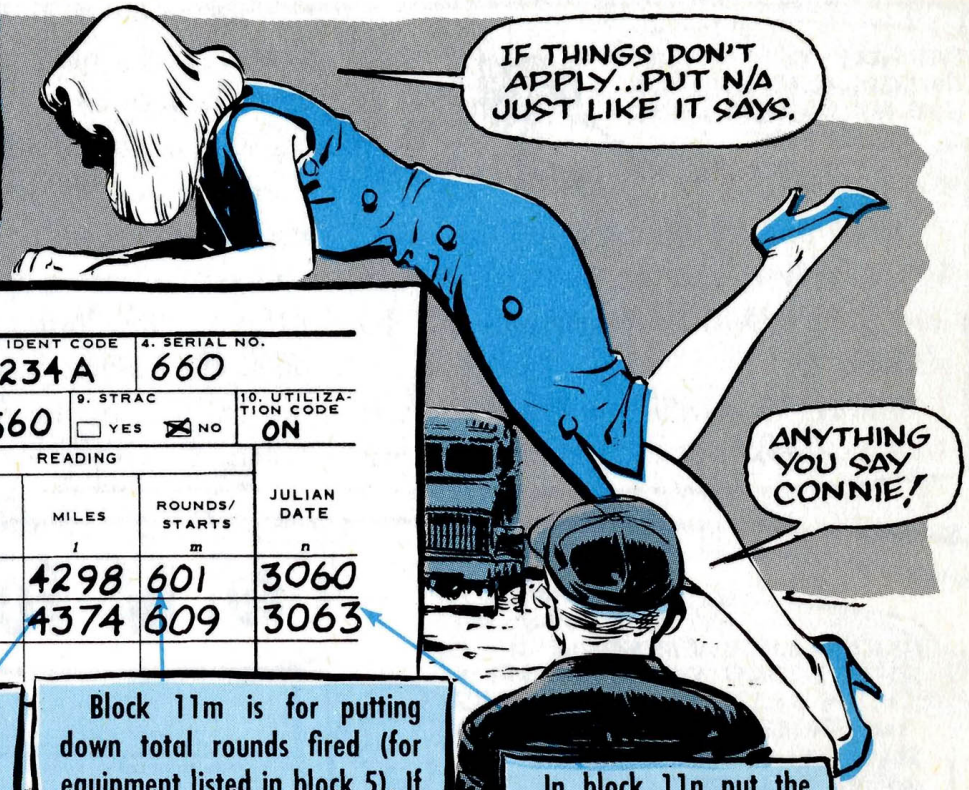
OH.

Also, at the end of the 2nd and 4th quarters of each fiscal year (31 Dec and 30 Jun) you enter the total number of gallons of fuel added to your vehicle during the past 6 months. Put this in the remarks section—for example; Total fuel added—1049 gallons. You get the info from column "C" of the Equipment Monthly Log, DA Form 2408-1.



You can use the space entitled "Component/Part Noun or Service" to list components, assemblies, or end items upon which work was completed. Columns 11e, f and g are not for use on combat vehicles.
In block 11h put down the manhours (hours and tenths) used for each major action—and that includes inspection time.
Here in block 11i you put the FSN or manufacturer's part number (if FSN isn't available) for the replacement item you used. You don't list common hardware items such as nuts, bolts, screws, tire patches, etc.
In this block 11j you put down the number of parts used if it applies, if not, leave it blank.
IF THINGS DON'T APPLY...PUT N/A JUST LIKE IT SAYS.
In block 11a you put down the code which shows when you detected the failure.
AHAH!
Then in block 11b put down the code which gives the First Indication of Trouble.
ANYTHING YOU SAY CONNIE!
In block 11c enter the Action Code. You now have more items to choose from so give them the eagle-eye so you'll get the right one.
And in block 11d you give the Failure Code which applies to your equipment. Many of these codes can be easily found on the back of your 2408-3.
And in this block 11k you enter total hous that the equipment listed in block 5 has been operated. If this doesn't apply, put N/A.
In block 11(l) put down total miles (to nearest mile) the equipment listed in block 5 has operated. If it doesn't apply, put N/A.
Block 11m is for putting down total rounds fired (for equipment listed in block 5). If it doesn't apply put N/A.
In block 11n put the Julian date the repair service or inspection was done.
If you have some remarks to make about the entries, you can put them in block 12. Be sure and tell which line the remarks apply to.
Block 13a indicates the total number of days in the month your equipment could have been available for use.
In here you show the total number of days your equipment was on hand (on property record) in your outfit. Include those days it may have been in support maintenance. Be sure you don't count those days your item was on loan to another unit.
In block 13c put the number of days your equipment was physically under the control of your support maintenance people.
DA Form 2408-3
In block 13b put down the number of days your equipment was not available for use because it was in organizational maintenance, but don't count routine maintenance or services.
OH.
Now, before you do anything with the copies of this form, be sure to: Write the words "Closed Out" on line 12 and show the current mileage, hours, rounds fired as of the last day of the month. Then enter the Julian date for the last day of the month in column "n".
Also, at the end of the 2nd and 4th quarters of each fiscal year (31 Dec and 30 Jun) you enter the total number of gallons of fuel added to your vehicle during the past 6 months. Put this in the remarks section—for example; Total fuel added—1049 gallons. You get the info from column "C" of the Equipment Monthly Log, DA Form 2408-1.
Block 14 a, b, or c must be checked the last day of the month to indicate the serviceability status of your equipment—but only if an ESC (Equipment Serviceability Criteria) has been published on your equipment.
Block 15 gives you a chance to tell the boys higher up about the status of your tools. If you've been doing a maintenance job which is prescribed in a -10 TM and you find the tools you need aren't authorized, not on hand, or they're inadequate or not needed, then put a "1" in block 15. Same thing holds true for a job prescribed by a -20 TM, if so, put a "2" in the block.
CONTROL NO. B24560
1. ORGANIZATION A CO, 8TH BN, 33D ARMOR
FORT KNOX, KY
3. ORG IDENT CODE 0A1234 A
4. SERIAL NO. 660
5. NOUN NOMENCLATURE TANK
6. LINE NO. 230020
M48A2
8. FEDERAL STOCK NO. 2350-346-7560
9. STRAC YES NO
10. UTILIZATION CODE ON
REPAIRS AND SERVICES
FAILURE DETECTED DURING
FIRST INDICATION OF TROUBLE
ACT CODE
FAILURE CODE
COMPONENT/PART NOUN OR SERVICE
CB CODE
REF DESIG
MFR
MANHOURS HRS-10THS
FEDERAL STOCK NUMBER
QTY
READING
HOURS
MILES
ROUNDS/STARTS
JULIAN DATE
(1) A 068 A 080 LAMP .5 62 -0-199-7836 1 296 4298 601 3060
(2) D 068 A 070 TORSION BAR 4.0 23 50-763-5904 1 312 4374 609 3063
(3)
(12) CLOSED OUT 332 4459 635 3090
12. REMARKS (Indicate applicable line No.)
13. EQUIPMENT AVAILABILITY
a. POSSIBLE EQUIPMENT DAYS 31
EQUIPMENT DAYS NON-AVAILABLE
b. ORGANIZATIONAL MAINT 5
c. SUPPORT MAINT 3
14. EQUIPMENT SERVICEABILITY
a. GREEN
b. AMBER
c. RED
15. TOOLS
EQUIPMENT MAINTENANCE RECORD (ORGANIZATIONAL)
(TM 38-750)
REPORTS CONTROL SYMBOL CSGLD-1048 (R1)
CONTROL COPY 1
LOG BOOK COPY 2
NMP COPY 3

In this block 11j you put down the number of parts used if it applies, if not, leave it blank.



ATION		3. ORG IDENT CODE	4. SERIAL NO.
)RT KNOX, KY		0A1234A	660
)EL	8. FEDERAL STOCK NO.	9. STRAC	10. UTILIZATION CODE
48A2	2350-346-7560	☐ YES ☒ NO	ON

		READING			
ERAL STOCK NUMBER	QTY	HOURS	MILES	ROUNDS/ STARTS	JULIAN DATE
	j	k	l	m	n
40-199-7836	1	296	4298	601	3060
50-763-5904	1	312	4374	609	3063

In block 11(1) put down total miles (to nearest mile) the equipment listed in block 5 has operated. If it doesn't apply, put N/A.

Block 11m is for putting down total rounds fired (for equipment listed in block 5). If it doesn't apply put N/A.

In block 11n put the Julian date the repair service or inspection was done.

SED OUT		332	4459	635	3090

13. EQUIPMENT AVAILABILITY	a. POSSIBLE EQUIPMENT DAYS	EQUIPMENT DAYS NON-AVAILABLE b. ORGANIZATIONAL MAINT	c. SUPPORT MAINT
	31	5	3

14. EQUIPMENT SERVICEABILITY	a.	b.	c.	15. TOOLS
	GREEN ☒	AMBER ☐	RED ☐	

'ORGANIZATIONAL)

REPORTS CONTROL SYMBOL CSGLD-1048 (R1)

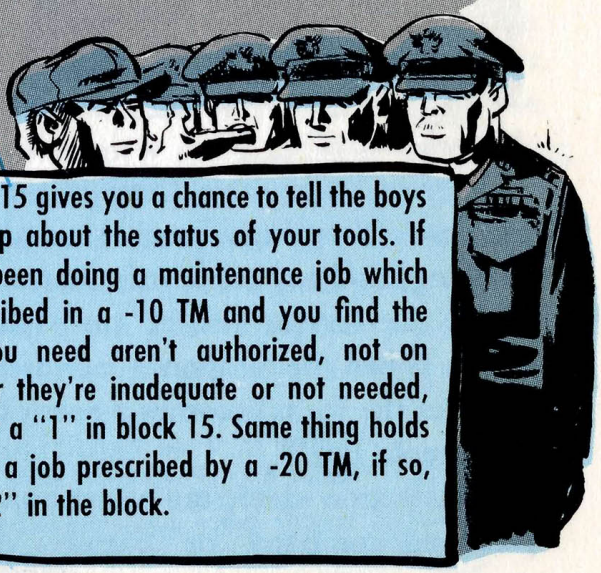
CONTROL COPY 1

LOG BOOK COPY 2

NMP COPY 3

In block 13c put the number of days your equipment was physically under the control of your support maintenance people.

In block 13b put down the number of days your equipment was not available for use because it was in organizational maintenance, but don't count routine maintenance or services.



Block 15 gives you a chance to tell the boys higher up about the status of your tools. If you've been doing a maintenance job which is prescribed in a -10 TM and you find the tools you need aren't authorized, not on hand, or they're inadequate or not needed, then put a "1" in block 15. Same thing holds true for a job prescribed by a -20 TM, if so, put a "2" in the block.

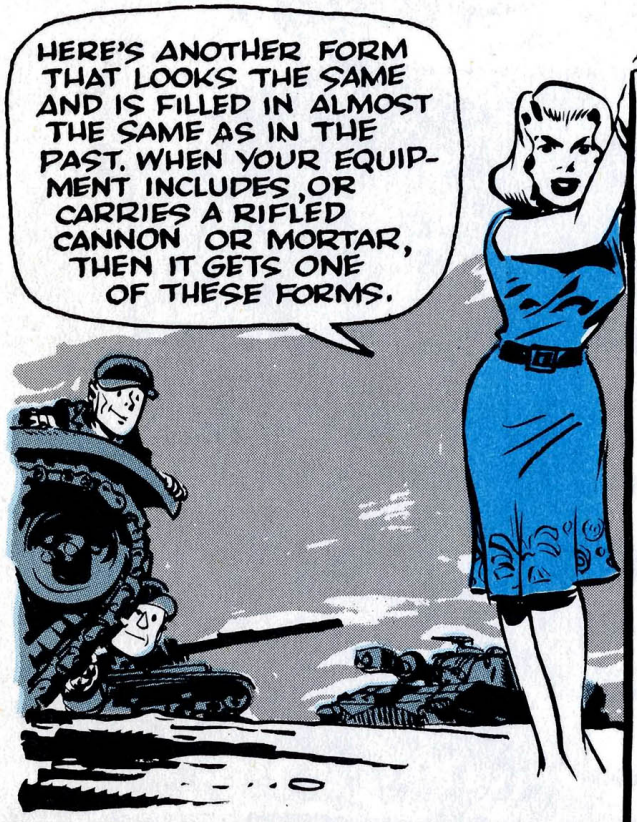
Block 14 a, b, or c must be checked the last day of the month to indicate the serviceability status of your equipment—but only if an ESC (Equipment Serviceability Criteria) has been published on your equipment.

The No. 2 copy is the Log Book copy. It will stay in the log book for a year and then it will be taken out and destroyed.

The No. 3 copy is the NMP copy. It will be closed out the last day of each month. The closed out forms will be forwarded to the AMDPC at Lexington, Ky., or to the address listed in Appendix II of TM 38-750, unless your headquarters directs that they be sent to a local collection activity.

If you close out a form before the end of the month, just hold it until you send the rest of the forms and include it then. When you have more than one

HR DA Form 2408-4



1. CANNON TUBE SERIAL NUMBER: 59681

2. TYPE: 90mm M41

DATE a	CHARGE OR ZONE b	PROJECTILE TYPE AND ROUNDS FIRED c	ACCUMULATIVE ROUNDS FIRED d	RECOIL EXERCISE e	GAGE VELO. MEAS. f
3212			537	29JUL 63	664

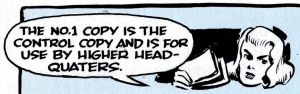
WEAPON RECORD DATA
(TM 38-750)

DA FORM 2408-4
1 APR 62

As you know, this form is for the purpose of keeping a continuous record of firings and any other info that might affect the service life of the weapon tubes. When the weapon is mounted on vehicles the form becomes a part of the log book.

The section chief, tank commander, platoon, company or battery commander may fill in the form.

There is something that you'll want to keep in mind when filling in your 2408-4. In block 2 be sure to include the nomenclature and model number of the cannon.



The No. 2 copy is the Log Book copy. It will stay in the log book for a year and then it will be taken out and destroyed.

The No. 3 copy is the NMP copy. It will be closed out the last day of each month. The closed out forms will be forwarded to the AMDPC at Lexington, Ky., or to the address listed in Appendix II of TM 38-750, unless your headquarters directs that they be sent to a local collection activity.

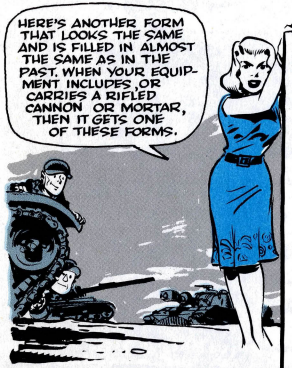
If you close out a form before the end of the month, just hold it until you send the rest of the forms and include it then. When you have more than one page for a particular piece of equipment, staple all the pages together. The No. 3 (NMP) copy should be completed, edited and mailed by the fifth working day following the end of each month.

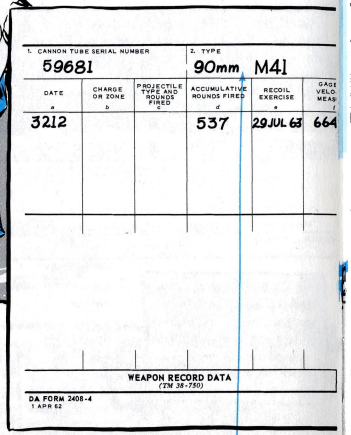
When the 2408-3 is used for command maintenance management inspections (CMMI), the No. 1 copy is kept by the headquarters doing the inspecting until the next CMMI has been done.

The No. 2 copy goes in the log book and will be kept there until the next CMMI and then it will be removed and destroyed. If there is no log book for the item being inspected, this copy will be kept in the organization files.

The No. 3 (NMP) copy goes to the CO of the maintenance organization or activity that provides direct support to the inspected unit.

HR DA Form 2408-4 WEAPON RECORD DATA





1. CANNON TUBE SERIAL NUMBER: 59681
2. TYPE: 90mm M41
3. ORGANIZATION: A CO, 4TH BN, 37TH ARMOR

DATE a	CHARGE OR ZONE b	PROJECTILE TYPE AND ROUNDS FIRED c	ACCUMULATIVE ROUNDS FIRED d	RECOIL EXERCISE e	GAGE VELO MEAS f	...OR ...TY ...RE	ESTIMATED REMAINING LIFE (EFC Rounds) g	REMARKS h	SIGNATURE i
3212			537	29 JUL 63	664	B	400	Carried forward from previous page. Borescoped & gaged this date. Do not exceed 187 accum rds in col (d) prior to reinspection.	L. M. Barnes 1st Lt, Armor

WEAPON RECORD DATA (TM 38-750)

DA FORM 2408-4 1 APR 62

REPORTS CONTROL SYMBOL CSGLD-1051

TB ORD 1054 IS NECESSARY TO DETERMINE EFC ROUND DATA.

4. PREVIOUS PAGE TOTAL (Rounds)	5. THIS PAGE TOTAL (Rounds)	6. ACCUMULATIVE TOTAL (Rounds)
537		

GPO : 1962 O—637046

As you know, this form is for the purpose of keeping a continuous record of firings and any other info that might affect the service life of the weapon tubes. When the weapon is mounted on vehicles the form becomes a part of the log book.

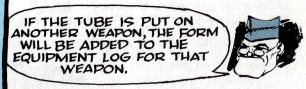
The section chief, tank commander, platoon, company or battery commander may fill in the form.

There is something that you'll want to keep in mind when filling in your 2408-4. In block 2 be sure to include the nomenclature and model number of the cannon.

When you come to column c, put down the type projectile and number actually fired. You record the blank rounds the same way you do the projectiles but you do not add them together when you're going to carry them over to column d.

When the form is filled or when the tube is condemned, the record is removed and forwarded to the CG, U.S. Army Weapons Command, ATTN: AMSWE-SMM, Rock Island Arsenal, Illinois. Before you mail it, take the last entry appearing in each column, except a, b and c, and record that information on to the new form.

If the gun is removed from the carriage or mount before it's condemned, the Weapons Record Data form will be taken from the equipment log and packaged with the tube during storage.



page for a particular piece of equipment, staple all the pages together. The No. 3 (NMP) copy should be completed, edited and mailed by the fifth working day following the end of each month.

When the 2408-3 is used for command maintenance management inspections (CMMI), the No. 1 copy is kept by the headquarters doing the inspecting until the next CMMI has been done.

The No. 2 copy goes in the log book and will be kept there until the next CMMI and then it will be removed and destroyed. If there is no log book for the item being inspected, this copy will be kept in the organization files.

The No. 3 (NMP) copy goes to the CO of the maintenance organization or activity that provides direct support to the inspected unit.

WEAPON RECORD DATA

REPORTS CONTROL SYMBOL CSGLD-1051

3. ORGANIZATION

A CO, 4TH BN, 37TH ARMOR

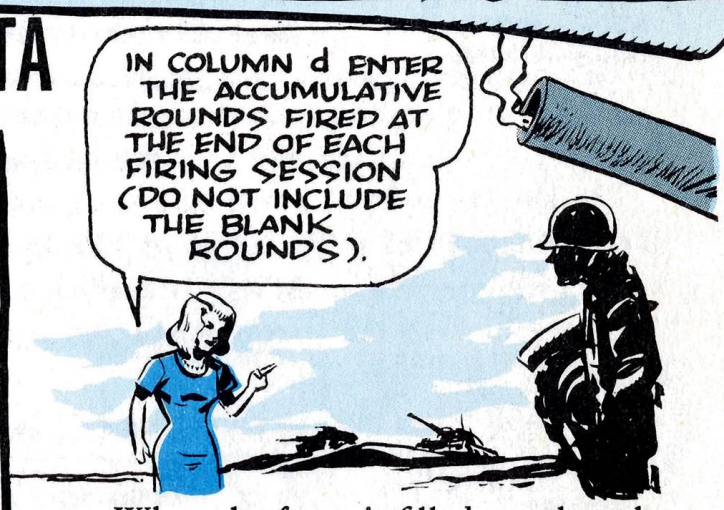
OR TY RE	ESTIMATED REMAINING LIFE (EFC Rounds) g	REMARKS h	SIGNATURE i
B	400	Carried forward from previous page. Borescoped & gaged this date. Do not exceed 187 accum rds in col (d) prior to reinspection.	L. M. Barnes 1st Lt, Armor

TB ORD 1054 IS NECESSARY TO DETERMINE EFC ROUND DATA.

PREVIOUS PAGE TOTAL (Rounds) 537	5. THIS PAGE TOTAL (Rounds)	6. ACCUMULATIVE TOTAL (Rounds)

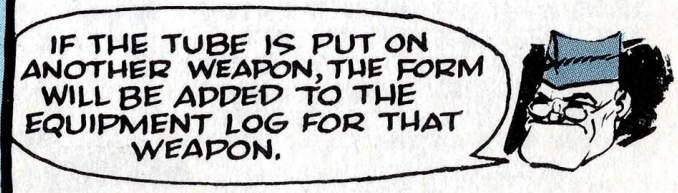
GPO : 1962 O—637046

When you come to column c, put down the type projectile and number actually fired. You record the blank rounds the same way you do the projectiles but you do not add them together when you're going to carry them over to column d.



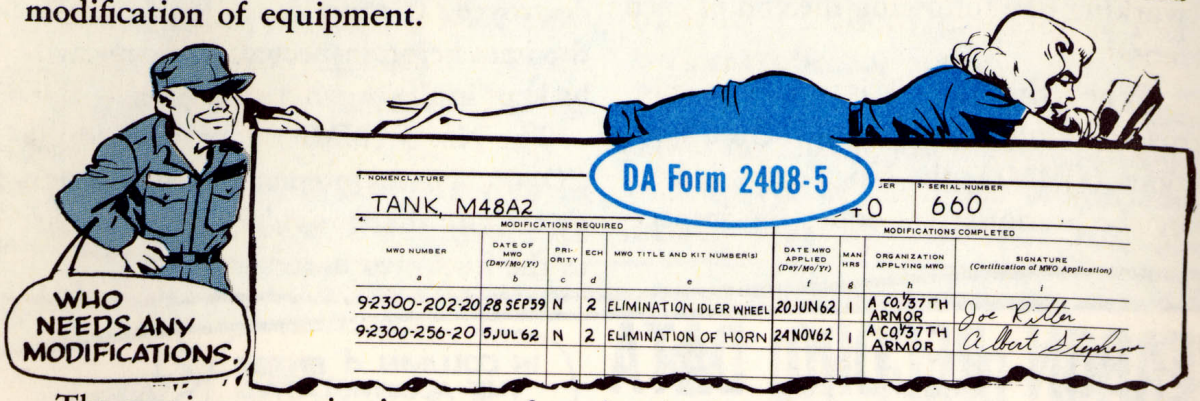
When the form is filled or when the tube is condemned, the record is removed and forwarded to the CG, U.S. Army Weapons Command, ATTN: AMSWE-SMM, Rock Island Arsenal, Illinois. Before you mail it, take the last entry appearing in each column, except a, b and c, and record that information on to the new form.

If the gun is removed from the carriage or mount before it's condemned, the Weapons Record Data form will be taken from the equipment log and packaged with the tube during storage.



HR EQUIPMENT MODIFICATION RECORD

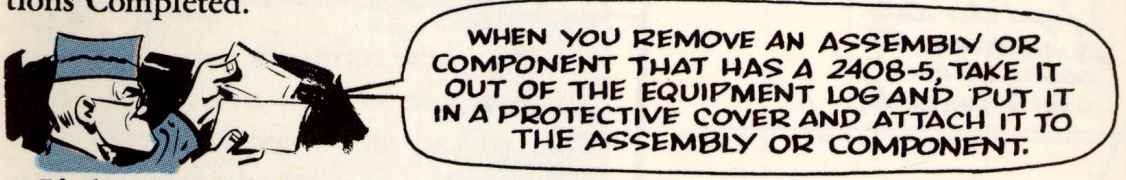
The purpose of your DA Form 2408-5, Equipment Modification Record, is to keep a record of the requirements for and the application of all authorized modification of equipment.



The owning organization or outfit writes in the MWO info on the left side of the form as soon as the MWO is received—no matter who's supposed to apply it.

The DA Form 2408-5 will be a permanent part of the equipment log on items of equipment listed in para 4-26 of TM 38-750 . . . also, you make a separate DA Form 2408-5 when an MWO is applied to assemblies or components coded as "Recoverable" in the parts manual, except for those components on which a DA Form 2409 is required.

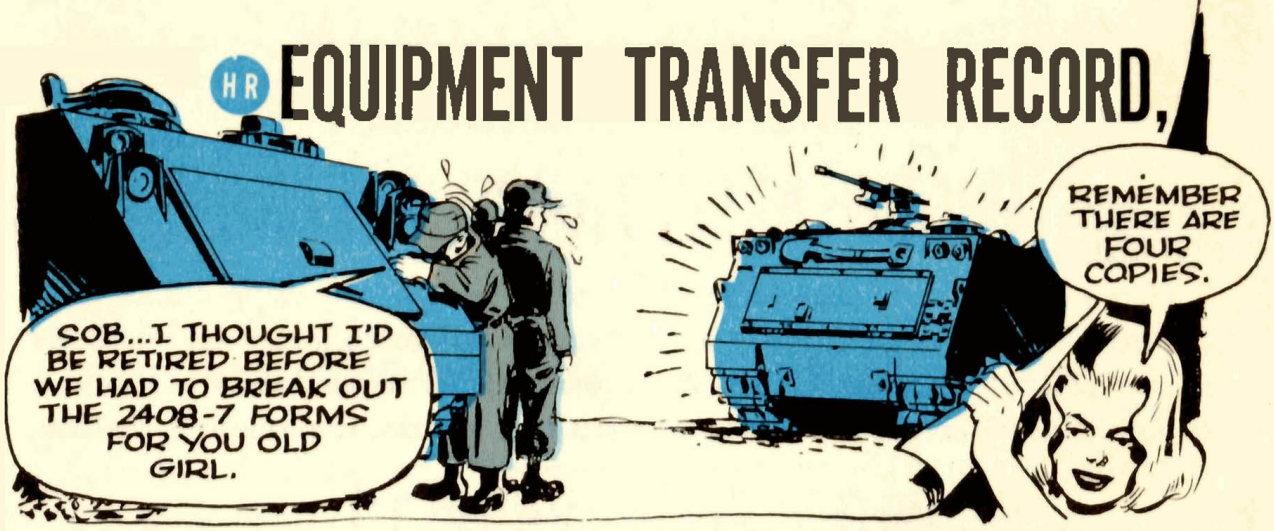
The 2408-5 has two major sections—"Modifications Required," "Modifications Completed."



If there's a 2408-5 for an assembly or component that's installed on equipment, then the form that goes along with the component or assembly will be put in the equipment log of the item on which the assembly or component is installed.

HR EQUIPMENT MAINTENANCE RECORD
(Support Echelons)

HR EQUIPMENT TRANSFER RECORD,



This four-copy form is a means of keeping a record of transfer of specific items of equipment. You can get the list of equipment in para 4-26 of TM 38-750.

TM 38-750

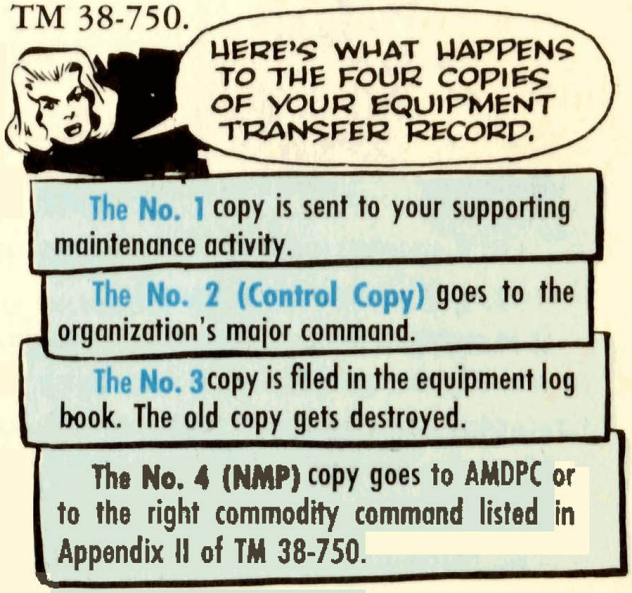
You use the 2408-7 when transferring or shipping equipment to another organization, salvage, disposal, loss in combat, or when the FSN is changed because it's been modified or rebuilt.

You don't use it when you're sending the equipment out on loan or when you're evacuating it for repair and return to you.

The outfit which has the equipment before the transaction or loss has to make out the DA Form 2408-7 and the one that receives it also fills in a 2408-7.

You fill out this revised 2408-7 very much like you did the old form.

Don't get confused when you get to Block 6. The line number of the item is found in paragraph 4-26 of revised TM 38-750.



HR DA Form 2408-8

This form is just what the name implies—Equipment Acceptance and Registration Record.

It's filled out by the accepting inspector who includes the status of the equipment when it was received from the manufacturer.

This form is strictly for information only at user level to assist you when you're filling out DA Form 2407, 2408-7 or 2410.

Note: If you receive equipment without this form in the log book, prepare a new form and fire NMP copy in to AMDPC, noting in the remarks block: "Equipment received w/o DA Form 2408-8."

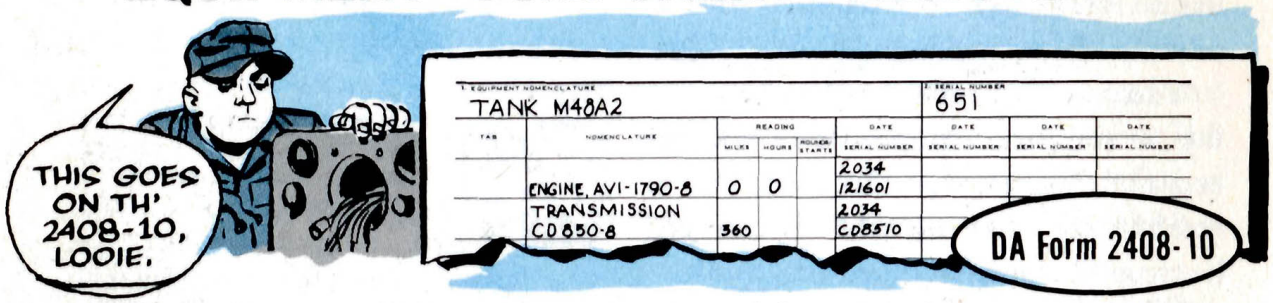
743-498 O - 64 - 6

HR DA Form 2408-9
PROOF ACCEPTANCE RECORD

Here's another form that doesn't have to be made out by using units.

This form is used to show a rifled cannon tube, or equipment on which one is installed, has been proof tested in accordance with regulations. It is also used to record serial numbers of replaced tubes and the date the tube was replaced.

HR DA Form 2408-10
EQUIPMENT COMPONENT REGISTER



Here's another one of those forms that is used for more than one thing. (But, this form isn't used for aircraft.)

It is used to keep a record of components that are replaced. You keep a record of serially numbered items and those that are capable of operating separately. Examples are engines, transmissions, compressors, winches, etc.

You also use the 2408-10 as an index when you keep several equipment logs in one binder.

The third use of the form is to keep a record of missile components and replacements.

The 2408-10 becomes a permanent part of the log book when it's used as an index or as a component replacement record.

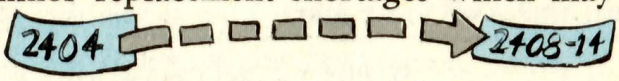
HR DA Form 2408-14
UNCORRECTED FAULT RECORD

DA Form 2408-14

1. NOMENCLATURE	2. MODEL	3. SERIAL NUMBER
TANK	M60	1984

STATUS SYMBOL a	FAULT b	REASON FOR DELAY c	DATE (From DA Form 2404 or 2408-13) d	ENTRY APPROVED (Signature) e	DATE (To DA Form 2408-3 or 2408-13) f
/	EQUIPMENT TM9-2350-215-10 MISSING	NOT IN STOCK REQ NO 5-1	23SEP63	M. J. Horton	

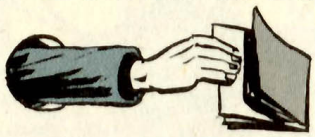
When used for equipment (other than Army aircraft), the maintenance supervisor transcribes the faults from DA Form 2404 to the 2408-14. Not only do the known uncorrected faults on equipment get transcribed from the 2404 to the 2408-14, but also minor replacement shortages which may have been shortages for some time.



This form is used by the operator when doing routine preventive maintenance inspections, and by any inspector of the equipment at any echelon.

The DA Form 2408-14 is kept 6 months after the last entry is made in column f. After that you destroy it.

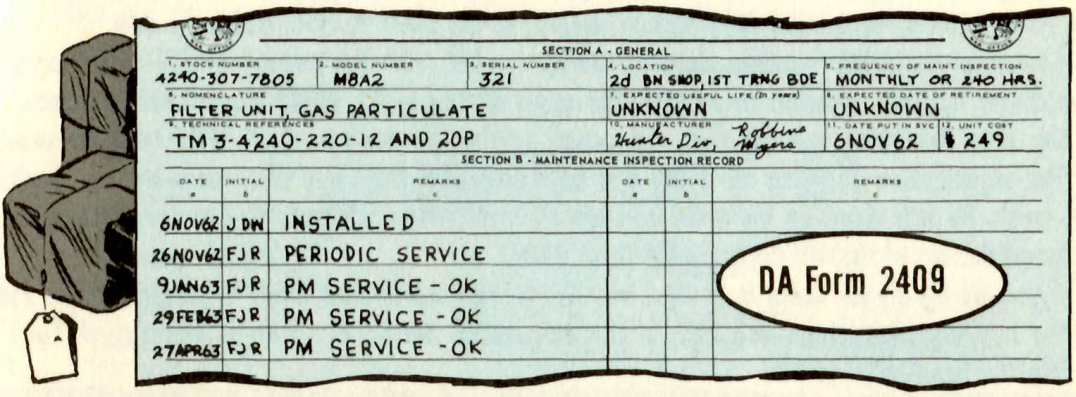
DA Form 2409 EQUIPMENT MAINTENANCE LOG (Consolidated)



HR

If you've used this single card log before, then you're in good shape.

The form hasn't been changed. It still can be used as an insert in the log book to cover items included in a major combination. Or, it can be used as a separate log for such items as medical equipment, etc.



SECTION A - GENERAL

1. STOCK NUMBER	2. MODEL NUMBER	3. SERIAL NUMBER	4. LOCATION	5. FREQUENCY OF MAINT INSPECTION
4240-307-7805	M8A2	321	2d BN SHOP, 1ST TRNG BDE	MONTHLY OR 240 HRS.

6. NOMENCLATURE	7. EXPECTED USEFUL LIFE (In years)	8. EXPECTED DATE OF RETIREMENT
FILTER UNIT, GAS PARTICULATE	UNKNOWN	UNKNOWN

9. TECHNICAL REFERENCES	10. MANUFACTURER	11. DATE PUT IN SVC	12. UNIT COST
TM 3-4240-220-12 AND 20P	Hunter Div, Robbins & Myers	6NOV62	$ 249

SECTION B - MAINTENANCE INSPECTION RECORD

DATE a	INITIAL b	REMARKS c	DATE d	INITIAL e	REMARKS f
6NOV62	J DW	INSTALLED			
26NOV62	FJR	PERIODIC SERVICE			
9JAN63	FJR	PM SERVICE - OK			
29FEB63	FJR	PM SERVICE - OK			
27APR63	FJR	PM SERVICE - OK			

DA Form 2409

Para 4-26 of TM 38-750 tells you which items of equipment need the 2409.

In SECTION A — GENERAL you have FSN; model number; serial number; location (this should be in pencil so that it can be changed when the item is moved); frequency of maintenance inspections (weekly, monthly, quarterly, semiannually, etc.) called for in the tech pubs; name of the item; life expectancy of the item when known (if unknown put that down); date item will be permanently withdrawn from service (add the life expectancy, in years, to the "date put in service") (if unknown, say so).

Put down the number of the organizational TM, parts manual, etc., that apply to the inspection and maintenance of the item (you don't have to list the MWO's in the block). You also include the name of the manufacturer, and the date item was accepted. If unknown, put it down. The cost of the item goes there too if it applies. If it doesn't put N/A.

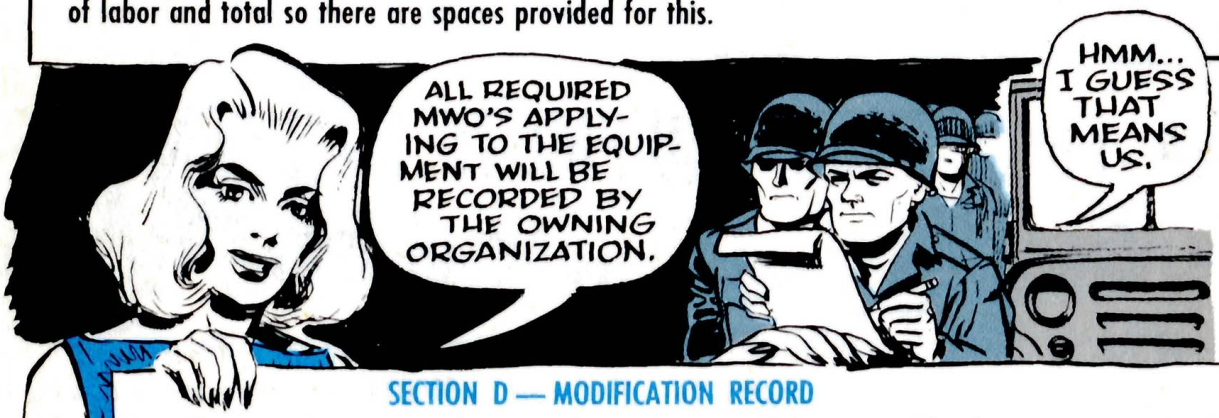
SECTION B — MAINTENANCE INSPECTION RECORD

Put down the day, month and year the scheduled maintenance inspection or service was completed. The person who does the maintenance inspection puts his initials in column b. You enter the results of the inspection and what corrective action was taken by organizational maintenance.

If this is just a routine maintenance service and the equipment is all right, you can put down PM Inspected — OK. But, where repairs or services are required by support maintenance, then the job order number will be put down.

SECTION C — REPAIR AND COST RECORD

This info goes on the back of the form — the date of support maintenance repair, job order number, description of repair and manhours required. Some commanders want cost of parts, cost of labor and total so there are spaces provided for this.



SECTION D — MODIFICATION RECORD

All required MWO's applying to the equipment will be recorded by the owning organization. When an official MWO is received it will be recorded regardless of the echelon responsible for applying the modification. If this Section D (Modification Record) is filled, then you can attach a DA Form 2408-5, Equipment Modification Record, to the 2409 and put down the info.

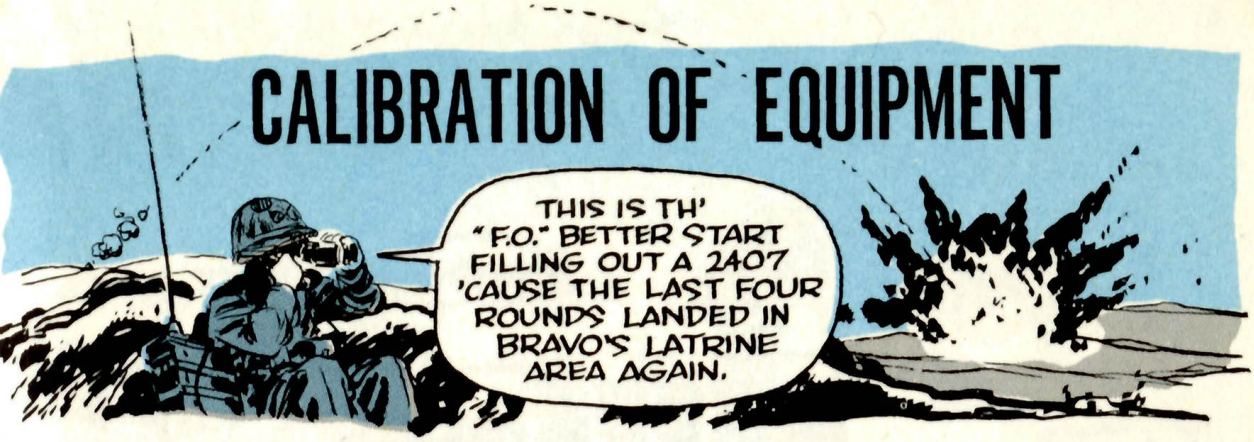
You enter the MWO number, date of MWO, symbol "U" for urgent or "N" for normal (whichever applies), echelon responsible for applying the MWO, MWO kit number or title.

The date the MWO was finished, the actual manhours it took to apply MWO, and the name of the organization applying the MWO will be entered by the man who completes or checks the work. He will also sign his name to show the job's been finished. Be sure you also report accomplishment of the MWO on the DA Form 2407.

If you fill up all the space in Section B or C, you can use another 2409 to continue it on. Fill in the heading completely, and then at the bottom of the form mark "Continuation Log." Staple the two logs together.

The Equipment Maintenance Record (Consolidated) is a permanent record. It will go with the item throughout its service life. The consolidated log may be kept in the using unit's maintenance section or in the log book as an insert for a component. This form won't be destroyed until the equipment is disposed of.

CALIBRATION OF EQUIPMENT



There's very little that you have to worry with as far as calibration of fire control equipment in combat vehicles is concerned.

When you run into trouble with any of the fire control items, you send out an SOS on a DA Form 2407 to your support maintenance (unless it's something minor that you're authorized to take care of by your TM).

So, do yourself, your equipment, and your support people a favor by not trying to work on items which you're supposed to keep your "hands off."

AMMO RECORDS — COMBAT VEHICLES

You're not going to have much trouble when it comes to filling in forms for ammo in your tanks—because there shouldn't be too many—you have the Weapons Record Data, DA Form 2408-4.

Most of the forms for ammo, such as the DA Form 2415, Ammunition Condition Report, and DA Form 2407, which is used as an Equipment Improvement Recommendation, are usually filled in by higher echelon.

It's up to your CO to say what reports will be made on ammo.

When ammo doesn't fire the way it's supposed to (malfunction), then it is reported in accordance with AR 700-1300-8.

HR WHERE THEY GO

Forms And Records For—

TACTICAL AND

Equipment in this class include all major items that fall in the 300000 primary equipment category. The Army Equipment Record Procedures for vehicles in the 300000 category are basically the same as for combat vehicles. Although there are differences, such as equipment entries and mailing addresses, most of the writings on combat vehicles apply to tactical and support equipment and vice versa.

The high points covering Operational Records, Maintenance Records, Historical Records and Calibration Records are on the following pages. If you need more details on any form, then use your copy of the new TM 38-750.

DA Form 2400 — YOUR

When to use the Equipment Utilization Record (DA Form 2400) depends on your local SOP.

Just about all the vehicles that come under the tactical and support vehicle category must have an equipment log. Whether you'll also use the DA Form 2400 along with the log depends on your commander.

Using the new 2400 is almost similar to using the old DA Form 2400. There are some differences but they're not too great. The new form no longer requires each trip mileage, load/passenger data and cargo unload, waiting and travel time.

The 2400 is normally used for a 24-hour period. You use a new form each

Forms And Records For—

TACTICAL AND SUPPORT VEHICLES

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The high points covering Operational Records, Maintenance Records, Historical Records and Calibration Records are on the following pages. If you need more details on any form, then use your copy of the new TM 38-750.

These operational forms are basic requirements for all drivers and equipment. See pages 5-7 for a few more important words on these forms.

DA Form 2400 — YOUR UTILIZATION RECORD

When to use the Equipment Utilization Record (DA Form 2400) depends on your local SOP.

Just about all the vehicles that come under the tactical and support vehicle category must have an equipment log. Whether you'll also use the DA Form 2400 along with the log depends on your commander.

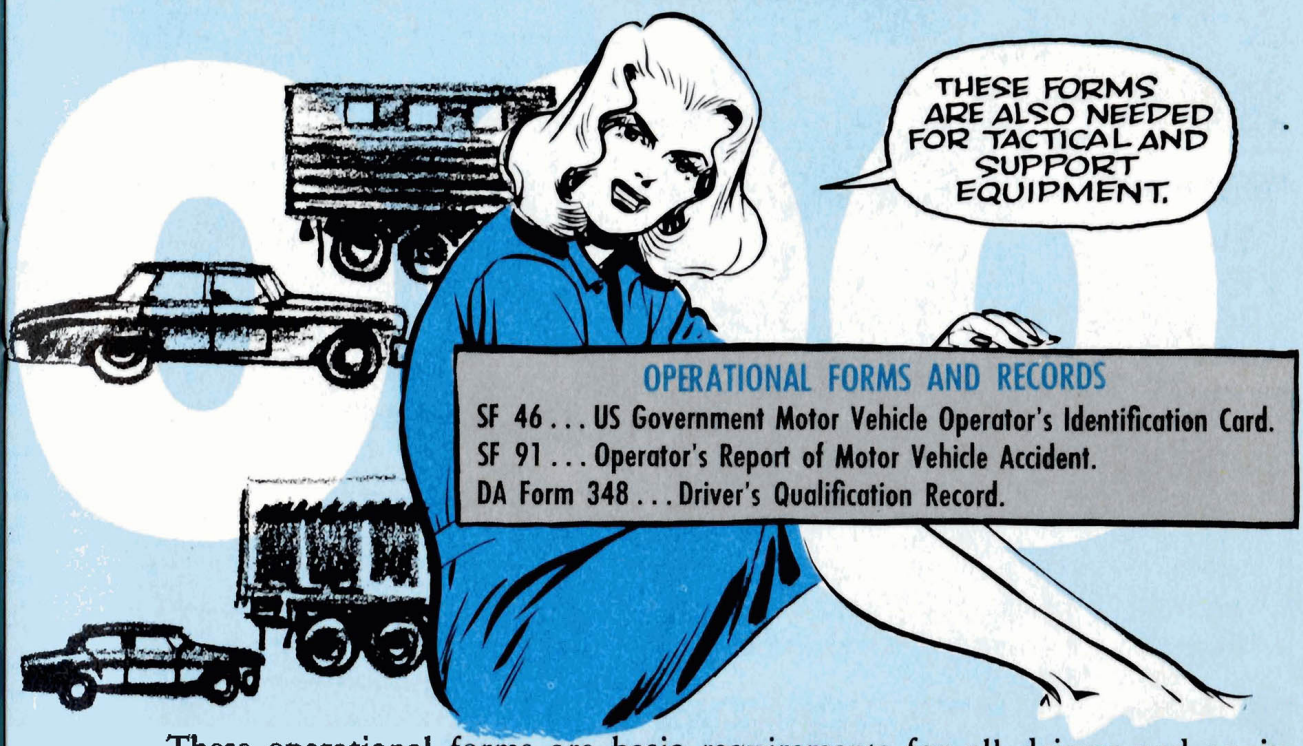
Using the new 2400 is almost similar to using the old DA Form 2400. There are some differences but they're not too great. The new form no longer requires each trip mileage, load/passenger data and cargo unload, waiting and travel time.

The 2400 is normally used for a 24-hour period. You use a new form each day except when the vehicle is used for extended time periods like maneuvers, guard duty, trips that take more than one day, etc.

There is room on the form for more than one operator within the same 24-hour period; plus space for assignments to four different agencies.

One important thing you want to keep in mind is that whether or not you use the 2400, you must also maintain the DA Form 2408-1 that's in your vehicle log book.

SUPPORT VEHICLES



OPERATIONAL FORMS AND RECORDS

SF 46 . . . US Government Motor Vehicle Operator's Identification Card.
SF 91 . . . Operator's Report of Motor Vehicle Accident.
DA Form 348 . . . Driver's Qualification Record.

These operational forms are basic requirements for all drivers and equipment. See pages 5-7 for a few more important words on these forms.

UTILIZATION RECORD

day except when the vehicle is used for extended time periods like maneuvers, guard duty, trips that take more than one day, etc.

There is room on the form for more than one operator within the same 24-hour period; plus space for assignments to four different agencies.

One important thing you want to keep in mind is that whether or not you use the 2400, you must also maintain the DA Form 2408-1 that's in your vehicle log book.

The dispatcher starts the form at the time he dispatches the vehicle. He fills in the top administrative portion of the form. He also puts in the unit or person the vehicle is to report to, the name of the vehicle operator, the time out and the vehicle's starting mileage.

When you're ready to leave for a given destination, enter the time your trip begins; this is usually from the motor pool. Enter your destination before you start. Then when you arrive at your assigned destination, enter the time.

Put down the time to the nearest five minutes and use the 24-hour clock time.

Whether you make one trip or several, each trip must be shown by its destination, arrival and departure time. When you and the vehicle are released from an assignment the person or his representative must sign in the Release By column opposite the destination where the vehicle was released.

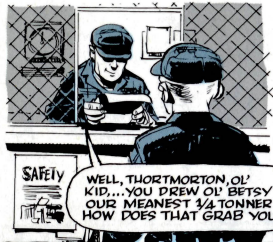
EQUIPMENT UTILI
(TM 38-

DATE 3344	TYPE TRUCK, UTILITY, 1/4-TON M38A1	USA N 2

ORGANIZATION TMP-FT SNOW	ACTION	TIME
1ST OPERATOR THOMAS PAGE	IN	1105
OPERATOR'S SIGNATURE Thomas Page	OUT	0845
	TOTAL	2:50
2ND OPERATOR JAMES BULLARD	IN	1630
OPERATOR'S SIGNATURE James Bullard	OUT	1300
	TOTAL	3:3
3RD OPERATOR	IN	
OPERATOR'S SIGNATURE	OUT	
	TOTAL	
4TH OPERATOR	IN	
OPERATOR'S SIGNATURE	OUT	
	TOTAL	

	DESTINATION	TIME ARRIVE	TIME DEPART
FROM 1.	TMP		085
TO 2.	BLDG T-580	0905	091
TO 3.	SOUTH RANGE	0945	100
TO 4.	BLDG # 101	1040	104
TO 5.	TMP	1055	
~~TO~~ FROM: 6.	TMP		13
TO 7.	BLDG T-424	1320	13
TO 8.	CONSOLIDATED SUPPLY	1330	14
TO 9.	HQ+ SERVICE CO 13TH BN	1415	14
TO 10.	4TH TRAINING BN-NORTH RANGE	1515	15
TO 11.	BLDG T-424	1615	
TO 12.	TMP	1620	
TO 13.			
TO 14.			
TO 15.			

DA FORM 2400



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Put down the time to the nearest five minutes and use the 24-hour clock time.

Whether you make one trip or several, each trip must be shown by its destination, arrival and departure time. When you and the vehicle are released from an assignment the person or his representative must sign in the Release By column opposite the destination where the vehicle was released.

EQUIPMENT UTILIZATION RECORD

DATE: 3344	TYPE: TRUCK, UTILITY, 1/4-TON M38A1	USA NUMBER/SERIAL NUMBER (TM 38-): 289-76120	ADMINISTRATION NUMBER: MP41
ORGANIZATION: TMP-FT SNOW			
1ST OPERATOR: THOMAS PAGE			
OPERATOR'S SIGNATURE: Thomas Page			
2ND OPERATOR: JAMES BULLARD			
OPERATOR'S SIGNATURE: James Bullard			
3RD OPERATOR			
OPERATOR'S SIGNATURE			
4TH OPERATOR			
OPERATOR'S SIGNATURE			

ACTION	TIME	MILES	HOURS
IN	1105	4898	
OUT	0845	4845	
TOTAL	2:30	53	
IN	1630	4976	
OUT	1300	4898	
TOTAL	3:3	78	
IN			
OUT			
TOTAL			
IN			
OUT			
TOTAL			

REPORT TO: CAPT MAC GILLIS
DISPATCHER'S SIGNATURE: A.C. Willard
REPORT TO: SGT W. GORDON
DISPATCHER'S SIGNATURE: A.C. Willard
REPORT TO
DISPATCHER'S SIGNATURE
REPORT TO
DISPATCHER'S SIGNATURE

DESTINATION	TIME ARRIVE	TIME DEPART	RELEASED BY (Signature)	REMARKS
FROM 1. TMP		08		
TO 2. BLDG T-580	0905	09		
TO 3. SOUTH RANGE	0945	100		
TO 4. BLDG # 101	1040	104	C. Mac Gillis	
TO 5. TMP	1055			
FROM: 6. TMP		13		
TO 7. BLDG T-424	1320	13		
TO 8. CONSOLIDATED SUPPLY	1330	14		
TO 9. HQ+ SERVICE CO 13TH BN	1415	14		
TO 10. 4TH TRAINING BN-NORTH RANGE	1515	15		SHARP STONES ON RANGE ROAD CUT RIGHT FRONT TIRE.
TO 11. BLDG T-424	1615		N. Gordon	
TO 12. TMP	1620			
TO 13.				
TO 14.				
TO 15.				

DA FORM 2400

Blocks filled in by dispatcher
Blocks filled in by operator
Filled in by person using the equipment

If your vehicle is being used as a taxi or you're under the direct control of the dispatcher, then you don't bother getting a release signature. The dispatcher will sign the release column at the end of your assigned tour.

The remarks column is for any unusual or administrative occurrences. You don't put down any mechanical troubles; they go on the DA Form 2404.

After you return to the motor pool, go back to the top of the form and enter the Time In and the vehicle's total mileage. Then subtract the vehicle's beginning mileage from its final mileage; this'll give you the total miles for your tour of assignment. Do the same for the total time on the job.

The dispatcher is the man who will see that all the important operating information is transferred to his dispatch sheet (DA Form 2401).

ION RECORD

ER/SERIAL NUMBER	ADMINISTRATION NUMBER
289-76120	MP41

MILES	HOURS	
4898		REPORT TO CAPT MacGILLIS
4845		DISPATCHER'S SIGNATURE A.C. Willard
53		REPORT TO SGT W. GORDON
4976		DISPATCHER'S SIGNATURE A.C. Willard
4898		REPORT TO
78		DISPATCHER'S SIGNATURE
		REPORT TO
		DISPATCHER'S SIGNATURE

RELEASED BY (Signature)	REMARKS
J. C. MacGillis	
N. Gordon	SHARP STONES ON RANGE ROAD CUT RIGHT FRONT TIRE.

Blocks filled in by dispatcher
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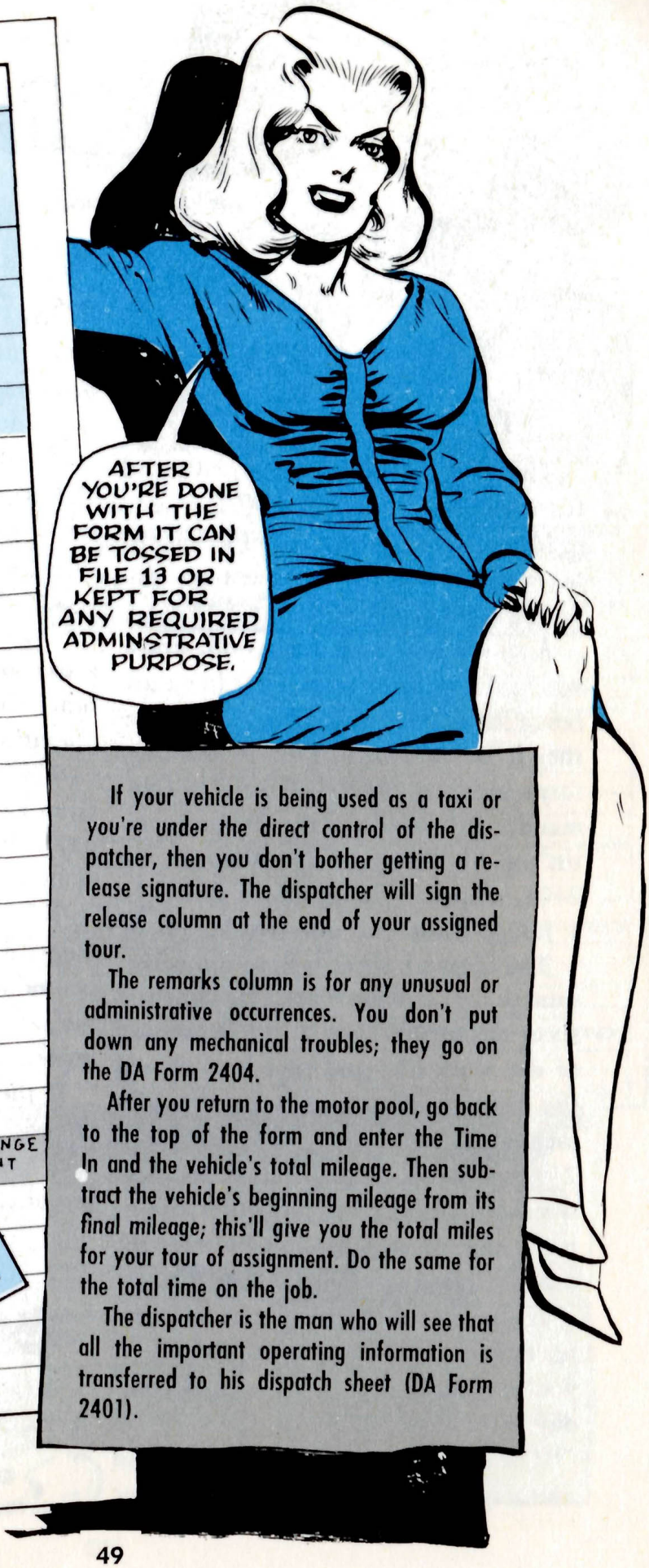

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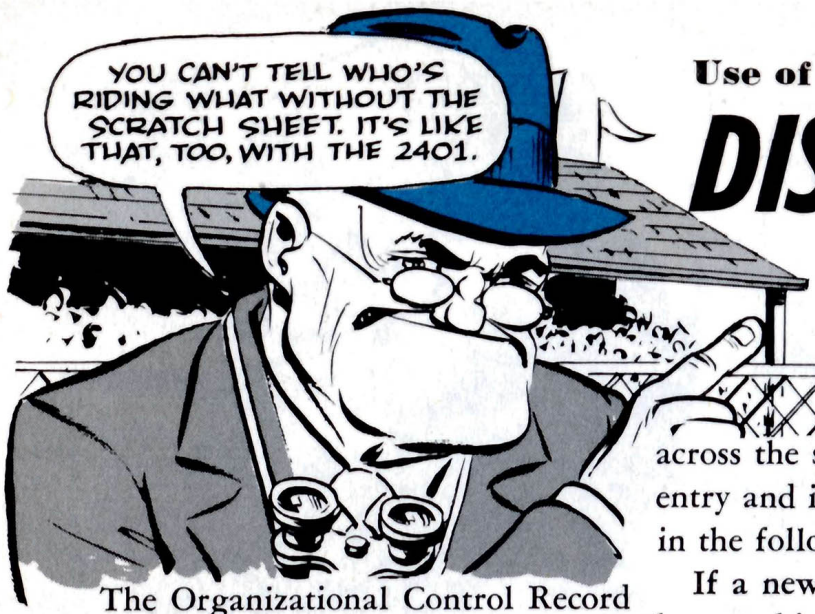


Use of DA Form 2401 for . . .

DISPATCHING

The Organizational Control Record for Equipment, DA Form 2401, is used to identify the user and to pinpoint the location of equipment that's on dispatch.

A quick look at it and you'll know where the equipment is, what items are being used, who has what and when they'll be returned. This is the only form in an outfit that'll keep a commander informed on the dispatch status of his equipment. Without the 2401, dispatch management would be a hodge-podge of guesswork.

The dispatch sheet is kept up-to-the-minute by a dispatcher. He starts a sheet out at 0001, or at the beginning of the work day and uses it to record the dispatch of various types of equipment—that is, ¼-ton, ½-ton, ¾-ton, 2½-ton, 5-ton, and 10-ton trucks. Also wreckers, trailers and any other equipment that're dispatchable within the outfit.

If necessary, the form can be overprinted to the maximum extent if you're dispatching the same equipment day after day.

The sheet can be used for more than one day. It's done by drawing a line across the sheet after the last dispatch entry and inserting the next day's date in the following open line.

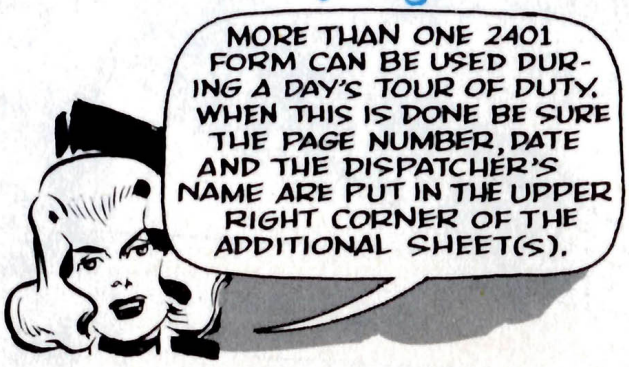
If a new dispatcher comes on duty, he puts his John Hancock and date on the line under the "m" in the Remarks column.

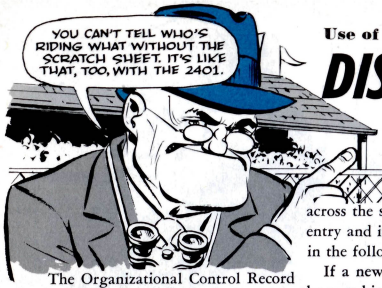
The Remarks column is also used for recording extended vehicle trips, breakdowns, truck and trailer combinations and any unusual or abnormal operations.

When a truck or trailer comes in from an extended trip (more than one day) the time-in and date are put in column 1.

When dispatching towed equipment, a single entry is made if the trailer will return the same day with the same truck. Just enter the trailer's nomenclature in the remarks column.

If the trailer is to be returned later or with a different towing vehicle, then a separate line entry for the trailer is made.





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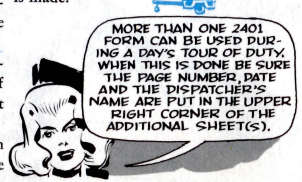

HERE'S WHAT GOES INTO EACH COLUMN ON THE 2401:

a—Name of person receiving the equipment.

b—Location of person or unit to which operator and equipment are to report.

c—Telephone number of requesting person or unit.

d—Time the driver is to report to requesting person or unit.

e—Expected time of return.

f—Farthest point from motor pool the vehicle will travel.

ORGANIZATIONAL CONTROL RECORD FOR EQUIPMENT (DA FORM 2401)

DATE: 1 JUL 64 — PAGE NO.: 1 — DISPATCHER: Alan E. Hancock — TOWER: Cashier (SJUL 64)

Columns a through f will be used for equipment requests.												
OFFICIAL USER	REPORTING POINT a	POINT REPORT d	TIME TO REPORT d	EXPECT TIME IN e	DESTINATION f	UNIT IDEN. (TACTICAL) NUMBER g	TYPE OF EQUIP. h	REGISTRATION (SERIAL) NUMBER i	OPERATOR'S NAME AND GRADE	TIME OUT k	TIME IN l	REMARKS m
Maj R Clarion	APEC TRP BLDG T8	1722	0730	1430	RANGE INSPECTION	T-6	¼ T	2802893	SP4 A S PETERSON	0720	1425	
Maj E Howard	BLDG #101	4137	0730	1100	AIRPORT CAPITAL CITY	T-22	¼ T	249005	PFC A L HODGES	0715	1130	
Maj J B Farley	HOSPITAL EVAC AREA	5344	1300	1630	— NA —	NA	SEDAN	168972	SP5 W P PHILLIPS	1300	1600	
Lt C Brock	FLD MAINT SHOP	7118	1430	1630	CENTRAL SUPPLY	T-10	2½ T	A1186502	PVT A TERRY	1420	1645	W/ TRAILER T-T6
					2 JUL 64			(4184)				
Maj K Caggy	RECP STATION	5949	0730	1630	BOURBON ST ANNEX	T-101	SEDAN	86971	PFC ROSS PROKOP	0720	2200	DELAYED DUE TO VEHICLE BOGGING IN SWAMP
Capt T Melby	2ND BN MOTOR POOL	4328	0730	1630	— NA —	NA	SEDAN	14494	SP4 R FISHER	0720	1655	
Capt W C Mudd	CO B MAINT SHOP	6157	0730	1100	RANGE #2	T-8	¼ T	2099950	CAPT W C MUDD	0735	1200	
Maj J Thurston	BLDG #101	4113	1230	1630	GEN TEST AREA	T-113	¼ MW	89720	PFC R WEISS	1230	1705	
1LT C Dalton	CO F 8TH BN	2620	1300	2300	34TH MP DET	T-103	SEDAN	67341	SFC OAKES	1505	2250	RADIO TRANSMITTER NOT OPERATING PROPERLY
					3 JUL 64			(4185)				
Capt J Bell	AC+S G3	6357	0730	WHOLE	ARMY HQ CAPITAL CITY	T-6	¼ T	2802289	PFC L BERRY	0715		WILL RETURN 6 JULY 64
1LT C Cadley	G4 SUPPLY BLDG #1	4136	0730	1700	PUBLICATION WAREHOUSE	T-8	¼ T	20999150	PVT H. ZABEL	0715	1645	
Capt J Fry	MOTOR OFFICER RANGE #2	3113	0500	1200	FIRING RANGE #2	T-19	2½ T	A1122558	PFC J HOLBROOK	0515	1100	TOWING MIDGAL WATER TRAILER
		3113	0500	"	"	T-T11	WATER TRAILER	0769710	"	"	0515		WATER TRAILER TO BE RETURNED AMBL EMPTY.

DA Form 2401

g—Put in the selected vehicle's bumper number (unit identification no.).

h—Type of equipment you're dispatching, that is, sedan, M38A1, M34, etc.

i—Registration number of vehicle being dispatched.

i—Name and grade of driver.

k—Time the vehicle left the motor pool.

l—Time the vehicle returned.

m—Official title of requestor (if local SOP), unusual or abnormal operation, towed equipment, estimated date of return of vehicles on extended dispatch, etc.

EQUIPMENT

THIS FORM IS KEPT FOR 30 DAYS AFTER ALL TIME-IN ENTRIES HAVE BEEN MADE ON ALL DISPATCHED VEHICLES. AFTER 30 DAYS YOU CAN THROW THE 2401 FORM OUT IF THERE ARE NO OTHER ADMINISTRATIVE NEEDS FOR IT.

HERE'S WHAT GOES INTO EACH COLUMN ON THE 2401:

a—Name of person receiving the equipment.

b—Location of person or unit to which operator and equipment are to report.

c—Telephone number of requesting person or unit.

d—Time the driver is to report to requesting person or unit.

e—Expected time of return.

f—Farthest point from motor pool the vehicle will travel.

ORGANIZATIONAL CONTROL RECORD FOR EQUIPMENT (TM 38-750)

DATE 1 JUL 64 | PAGE NO. 1 | NO. OF PAGES 1

DISPATCHER Alex E. Temple

Columns a through f will be used for equipment requests.

OFFICIAL USER	REPORTING POINT	PHONE EXT. NUMBER	TIME TO REPORT	EXPECT TIME OF RETURN	DESTINATION	UNIT IDENTIFICATION NUMBER	TYPE OF EQUIPMENT	REGISTRATION NUMBER	OPERATOR'S NAME AND GRADE	TIME OUT	TIME IN	
	a	b	c	d	e	f	g	h	i	j	k	l	m
M/Sgt B. Elkins	SPEC TRP BLDG T8	5722	0730	1430	RANGE INSPECTION	T-6	¼ T	2B0289	SP4 A.S. PETERSON	0720	1425	
S/Maj E. Howard	BLDG # 101	4137	0730	1100	AIRPORT CAPITAL CITY	T-22	¼ T	2A9005	PFC A.L. HODGES	0715	1130	
Maj A.G. Foley	HOSPITAL EVAC AREA	5344	1300	1630	— NA —	NA	GENERATOR	168972	SP5 W.P. PHILLIPS	1300	1600	
Lt O. Brock	FLD MAINT SHOP	7118	1430	1630	CENTRAL SUPPLY	T-10	2½ T	41186502	PVT O. TERRY	1420	1645	W/ TRAILER T-T6
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Sgt P. Motley	2ND BN MOTOR POOL	4328	0730	1630	— NA —	NA	WRECKER	14494	SP4 R. FISHER	0720	1655	
Capt W.C. Mudd	CO B MAINT SHOP	6557	0730	1100	RANGE #2	T-8	¼ T	20999150	CAPT W.C. MUDD	0735	1200	
M/Sgt Newton	BLDG 3101	4113	1230	1630	GEN TEST AREA	T-113	STA WGN	89720	PFC R. WEISS	1230	1705	
SFC Oakes	CO F 5TH BN	2620	1300	2300	34TH MP DET	T-103	SEDAN	67341	SFC OAKES	1305	2230	RADIO TRANSMITTER NOT OPERATING PROPERLY
					3 JUL 64				(4185)			
Capt D. Bell	AC of S G3	6357	0730	6 JUL 64	ARMY HQ CAPITAL CITY	T-6	¼ T	2B0289	PFC L. BERRY	0715		WILL RETURN 6 JULY 64
SFC C. Ardrey	G4 SUPPLY BLDG #1	4136	0730	1700	PUBLICATION WAREHOUSE	T-8	¼ T	20999150	PVT H. ZABEL	0715	1645	
Capt H.F.V.	RANGE OFFICER RANGE #2	3113	0500	1200	FIRING RANGE #2	T-19	2½ T	41122558	PFC J HOLEBROOK	0515	1100	TOWING M106A1 WATER TRAILER
		3113	0500		" "	T-T11	WATER TRAILER	07689710	" "	0515		WATER TRAILER TO BE RETURNED WHEN EMPTY

DA Form 2401

AFTER YOU (DISPATCHER) HAVE PICKED OUT AND ASSIGNED A VEHICLE TO FIT THE NEED OF THE REQUEST:

g—Put in the selected vehicle's bumper number (unit identification no.).

h—Type of equipment you're dispatching, that is, sedan, M38A1, M34, etc.

i—Registration number of vehicle being dispatched.

j—Name and grade of driver.

k—Time the vehicle left the motor pool.

l—Time the vehicle returned.

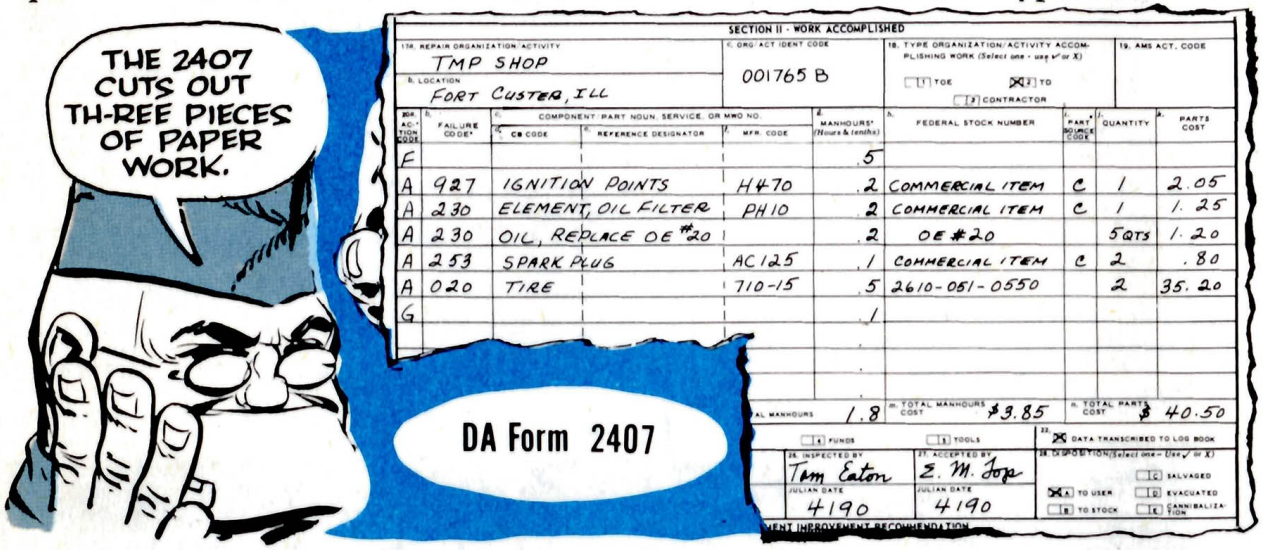
m—Official title of requestor (if local SOP), unusual or abnormal operation, towed equipment, estimated date of return of vehicles on extended dispatch, etc.

DA Form 2407
MAINTENANCE REQUEST

Here again, the basic details on applying the 2407 to equipment in the Tactical and Support Vehicle category is the same as when it's used for Combat Vehicles.

Pages 18-26 give a general description on filling in and using the 2407 . . . with one exception. And that is administrative and commercial type vehicles.

The new TM 38-750 says DA Form 2407 will be used at all levels for requesting and reporting accomplishments of maintenance on Administrative Use Vehicles. This includes all organizational maintenance people who're required to maintain and service administrative and commercial type vehicles.



The 2407 is now used instead of DA Form 2218, the Parts Slip and Work Required worksheet. The maintenance action, parts identification, manhours and repair costs are entered in Section II, blocks 20a thru 20n.

On completion of your required organizational maintenance services, the Copy 3 is used to accumulate any required local statistical data and to cost labor and parts for entry on the DA Form 2408-11 (Accumulative Repair Cost Record).

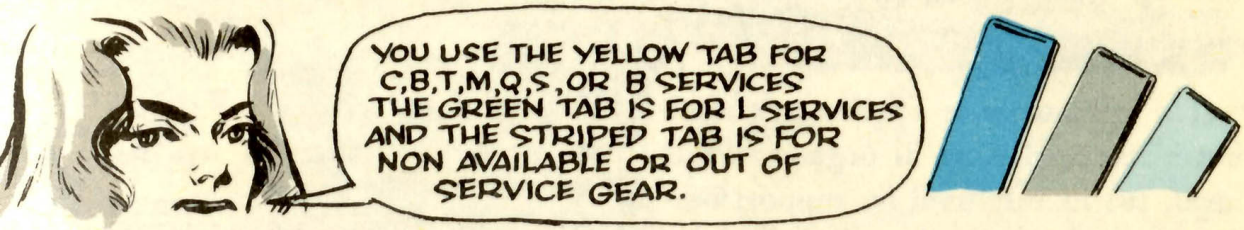
Parts used for repairs of administrative vehicles are not posted on the DA Form 2408-3 . . . just here on the 2407 and their accumulative cost on the 2408-11.

314 ON WHEELS

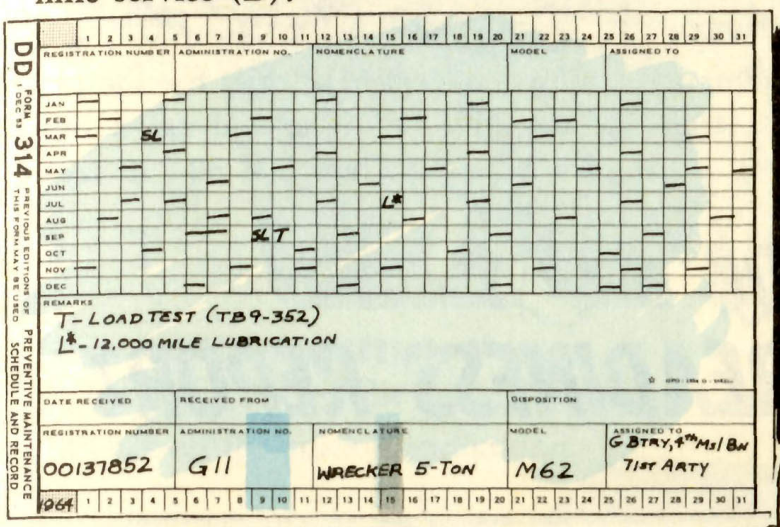
The DD Form 314 is also used to schedule PM on all equipment that falls into the Tactical and Support Wheeled Vehicle category.

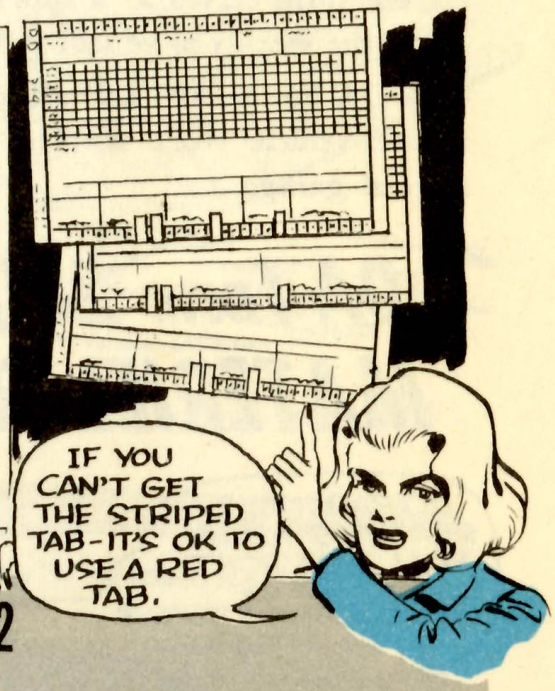
The method of using the 314 for your wheeled vehicles is the same as for Combat Vehicles (page 8).

To find out which PM services a specific wheeled vehicle gets, check its TM. In general, all tactical vehicles and trailers get the lubrication (L) and 180-day semiannual or 3,000 miles (S) service.



TM 38-660 gives the PM services for commercial support vehicles. Here you usually do the 90-day or 3,000 miles service (Q) and the 12-month or 4,000 mile service (B).





DD Form 314

DA Form 2402

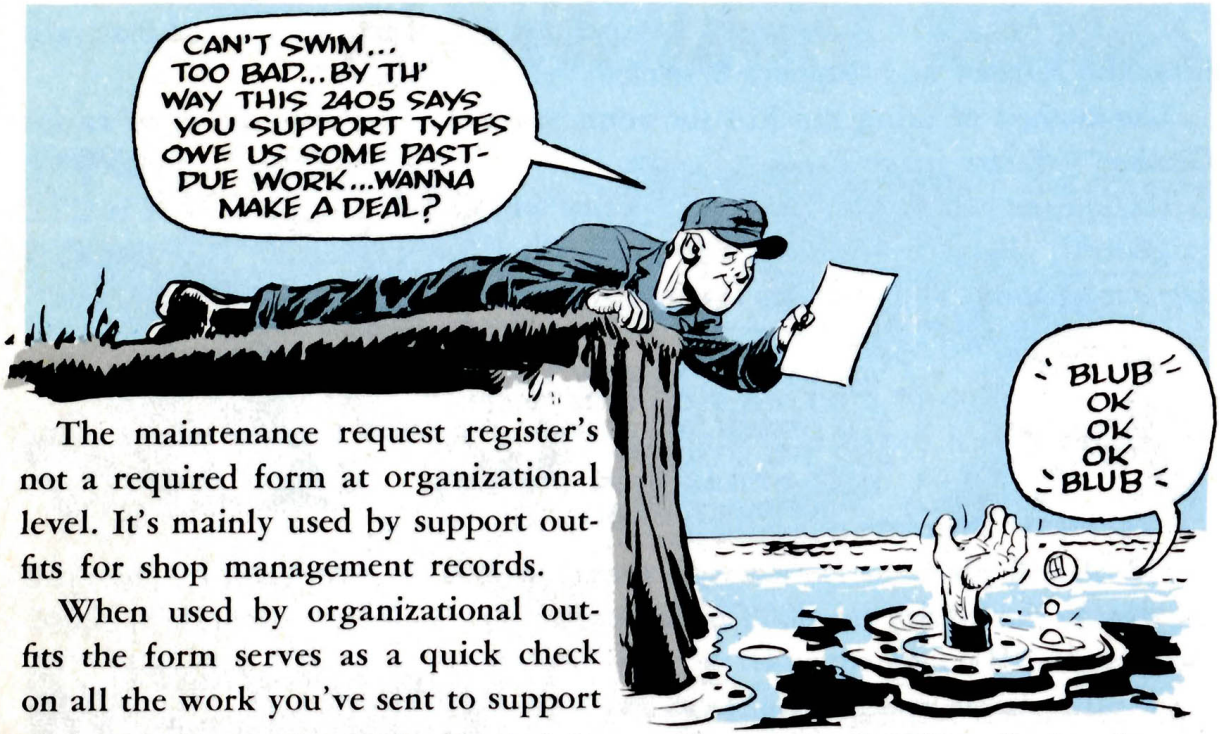
DA FORM 2402 . . . is the next form in line.

This cardboard shoe-tag is still used to exchange unserviceable parts, components and assemblies as in the old days. There has been a slight change to the tag; for these changes and other highlights turn to page 17.

DA Form 2404

DA FORM 2404 is next . . . it's still the Equipment Inspection and Maintenance Worksheet. The 2404 works the same for equipment in the Tactical and Support Vehicle Category as it does for the combat vehicles. The outline on pages 10-15 goes for tactical and support equipment too.

DA Form 2405 M-R REGISTER

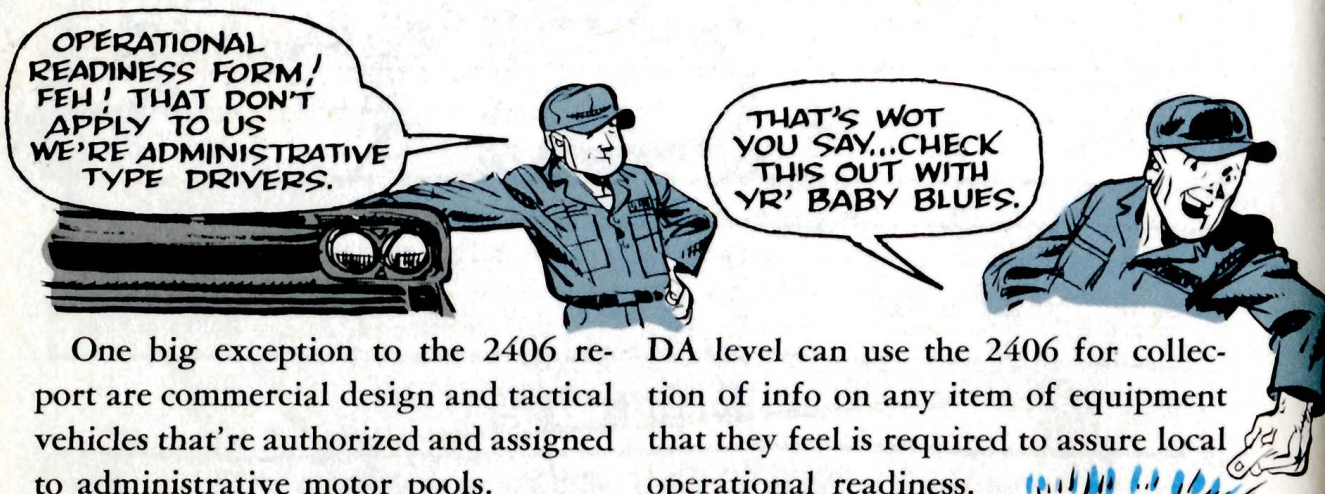


The maintenance request register's not a required form at organizational level. It's mainly used by support outfits for shop management records.

When used by organizational outfits the form serves as a quick check on all the work you've sent to support on a DA Form 2407 and all administrative vehicle work sent to a commercial garage.

If your local SOP calls for the use of the 2405, fill it in and use it like para 3-5 of the new TM 38-750 says.

DA Form 2406 MATERIEL READINESS REPORT



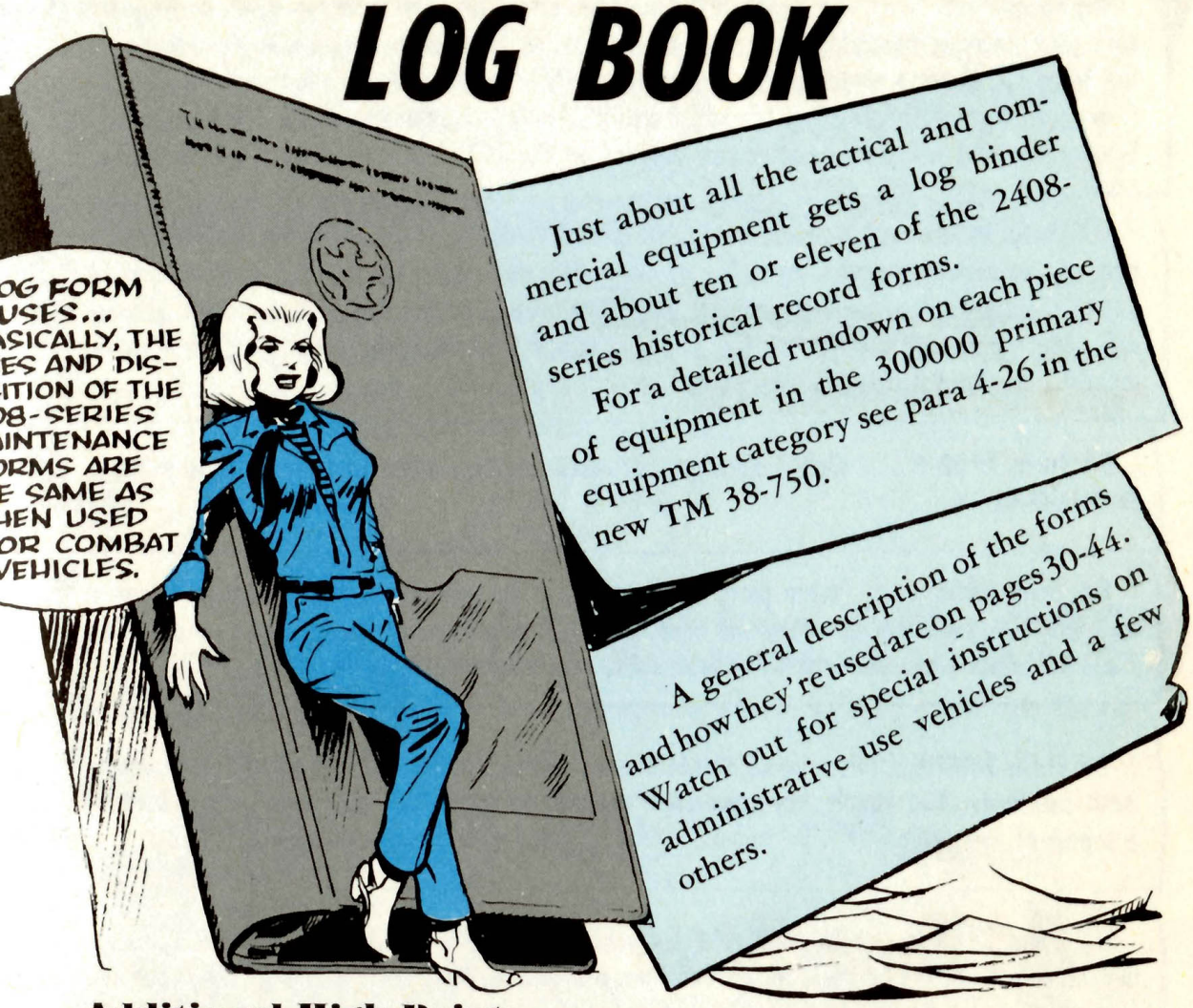
One big exception to the 2406 report are commercial design and tactical vehicles that're authorized and assigned to administrative motor pools.

Materiel Readiness reports on administrative vehicles are not required at DA level. But commanders below DA level can use the 2406 for collection of info on any item of equipment that they feel is required to assure local operational readiness.

This means the 2406 can be used for administrative vehicles if your local commander says so.

Tactical and Support Vehicles—

LOG BOOK



Additional High Points

Binder . . . Keep the vehicle's complete nomenclature on its edge and front cover for quick identification.

DA Form 2408 . . . Only the "Status Symbols" listed in the left column are used on tactical and support vehicles. Learn 'em and use 'em.

DA Form 2408-1 . . . The equipment operator fills in the daily log and the maintenance supervisor will see that the monthly log is completed. Blocks 3 and 4 are used only for the daily log; get the necessary info from the Equipment Preventive Maintenance Schedule (DD Form 314).

DA Form 2408-2 . . . This record should reflect the accomplishments of all lubrications scheduled on the equipment's 314 card. If no DA lube order is published for any of your commercial type vehicles, use the manufacturer's lubrication chart along with TB Ord 2300-10/3 (12 Jun 58), "Lubricants For Use With Automotive and Commercial-Type Administrative Vehicles."

DA Form 2408-3 . . . This is one of the most important forms in your log book, so be extra sure each entry is accurate. Parts used for repairs of administrative vehicles do not go on this form . . . they go on the 2407. The two areas that have given trouble in the past are blocks 8 and 11i. Block 8 should show the end item FSN; block 11i should show the FSN of the part. Enter parts used for administrative use vehicles on the 2407—better see para 4-7 of the TM.

DA Form 2408-5 . . . You can have several of these in your log; one for the overall vehicle and one on each recoverable assembly or component that requires or has had an MWO applied except for those components on which a 2409 is required. You don't make out a -5 for recoverable components until a MWO has been issued or installed on the recoverable component. Commercial type vehicles don't get this form.

DA Form 2408-6 . . . Only support maintenance makes entries. Commercial type vehicles do not use the -6.

DA Form 2408-7 . . . Every piece of equipment in the tactical and support vehicle category uses this form; even the items that only have a 2409 consolidated log. Remember, a set of 2408-7's is made out when you transfer a vehicle and whenever you receive a vehicle.

DA Form 2408-8 . . . Here again, this form goes on every major item. It's actually the vehicles birth certificate. You should have the hard copy. Make no entries; just hang onto it because it's part of the equipment's permanent record. It helps with dope to make your 2408-7.

DA Form 2408-9 . . . The only wheeled vehicle logs that'll have this form will be for trucks that mount weapons like the 106-mm recoilless rifle and the Davy Crockett. All other vehicles can forget the -9.

DA Form 2408-10 . . . This form should reflect all the recoverable components on your vehicle. Also it should be used as a cover index if you have a vehicle log book plus one or more consolidated (2409) logs.

DA Form 2408-11

ACCUMULATIVE REPAIR COST RECORD

1. NOMENCLATURE	2. REGISTRATION NUMBER	3. SERIAL NUMBER
AUTOMOBILE, SEDAN, LIGHT 5-PASS	1G8224	OE42B236781

4. DATE (From Mfg Nomenclature Plate)	5. ADMINISTRATION NO.	6. MAX REPAIR ALLOWANCE	7. MAX MILES	7. MAX HOURS	8. ACQUISITION COST
JANUARY 1963	TMP 28	$1261.65	84,000		$1261.65

DATE a	b MILES	b HOURS	JOB ORDER NO. c	MAN HOURS d	LABOR COST e	PARTS COST f	JOB TOTAL g	ACCUMULATIVE h
1 Jul 64	4364		—	7½	$23.11	$126.37		$149.48
ABOVE RECORD BROUGHT FORWARD FROM DA FORM 2206								
15 Jul 64	4781		4-197-109	1	2.80	—	2.80	$152.28
6 Aug 64	5102		4-219-3	½	1.50	1.90	3.40	$155.68

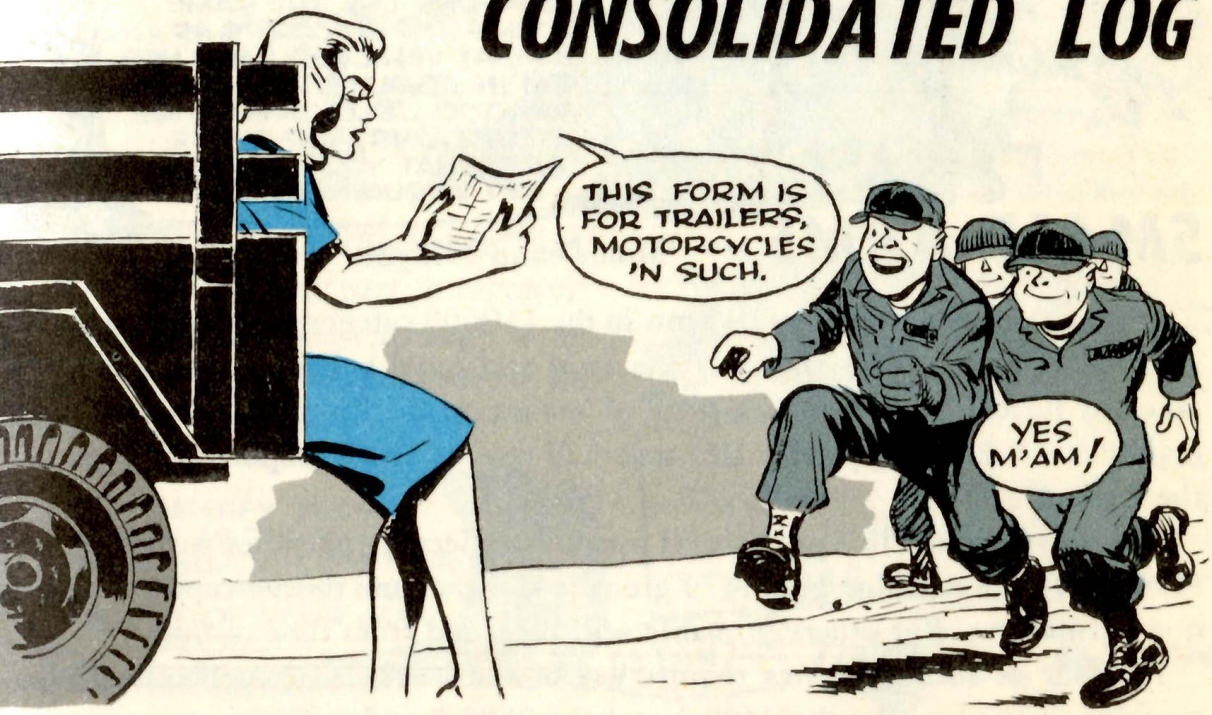
DA Form 2408-11 . . . Your commercial type administrative vehicles use this form. It's used to keep a record of accumulative repair parts cost so you won't exceed the vehicle's maximum

repair allowance as given in AR 750-2300-6. You pick up the information from your DA Form 2407, plus the bills for repairs made by commercial vehicle dealers. It's also used to keep a record of your waiver actions that relate to keeping over-aged or over-mileaged vehicles or exceeding the repair limitations. When this form is used it becomes a permanent part of the vehicle's log.

DA Form 2408-14 . . . All wheeled vehicles that get a log book use this form. It's a good idea to check this form before inspecting a vehicle; if a fault is already covered here then you don't have to pick it up again on your DA 2404. When a recorded fault is corrected at organizational level, be sure and record it on the DA 2408-3 and indicate the transfer on this form.

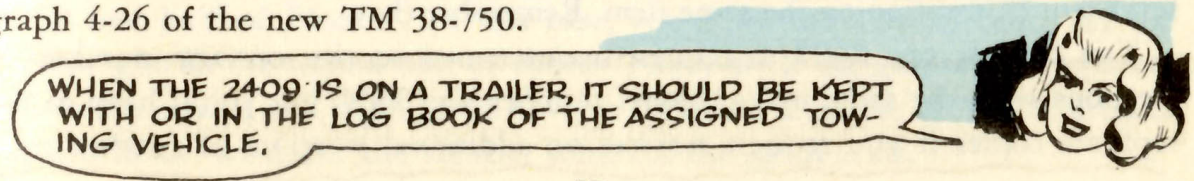
DA Form 2409

CONSOLIDATED LOG



The only vehicles in the Tactical and Support Vehicle category that use the DA Form 2409 as a consolidated vehicle log are tactical and commercial trailers, semi-trailers, motorcycles and scooters. Details on using and filling in the form are covered on page 43.

Although the 2409 is a single card log it usually takes a few additional forms to complete the equipment's record log. These are spelled out in paragraph 4-26 of the new TM 38-750.



WEAPONS RECORDS

SMALL ARMS — 'Musts' and 'Maybes'

F'rinstance, none of the small arms in the 110000 category specifically require any operational records and only the twin and quad helicopter machine guns take any historical records. But some of 'em are on the list of items for collected maintenance data (Appendix III) and will require special reporting. These are the "musts".

The only weapons in Appendix III for data collection purposes so far are the M14 rifle, M73 machine gun, M79 grenade launcher and the helicopter twin and quad armament. But others probably will be added from time to time.

All four of these weapons require use of the 2407/2407-1. The helicopter machine guns also take the 2408-3 and the 2408-7 and 2408-8.

Just don't forget to check "yes" in Block 9 (Selected Item) on that 2407 for these four items, that's all.

As for the "maybes"—the 2407/2407-1, for example. If you use this form for supplying maintenance data, this won't excuse you from using the same form (or a separate copy, perhaps) for filing an EIR or for requesting a maintenance service or calibration on the same item. Remember that.

You can use one 2407 to request maintenance service on any number of weapons with the same make, model number and FSN, but you'll have to use separate copies if you request services on additional weapons of another type.

WEAPONS RECORDS

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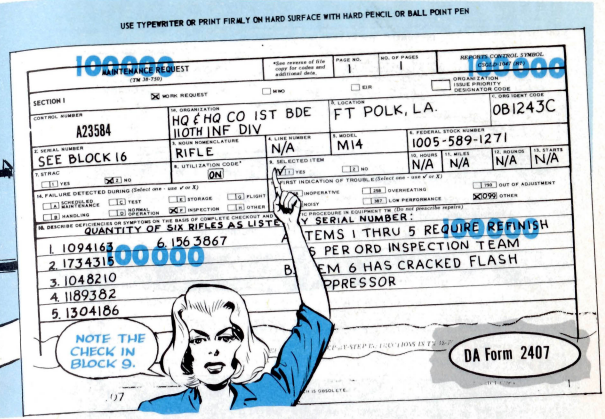
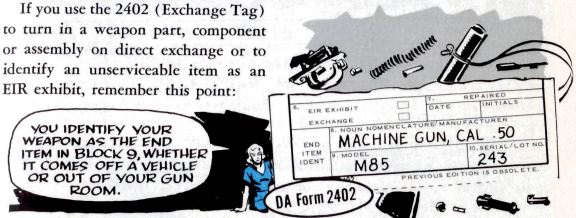


If you use the 2402 (Exchange Tag) to turn in a weapon part, component or assembly on direct exchange or to identify an unserviceable item as an EIR exhibit, remember this point:



The 2404 (Inspection and Maintenance Worksheet) is another form to watch out for if you use it for small arms . . . Block 2 (Nomenclature and Model); Block 7 (TM Reference), and Column a (the item number of the inspection list in your TM), especially.

If the inspected weapon's a machine gun off a tank or helicopter, for example, you list the "mother" equipment in Block 2 and give its TM reference in the first half of Block 7. In this case, you'd put the TM reference for the machine gun in the second half of Block 7, but only if the gun takes a separate TM. In some cases you might even have to jot down a couple of TM references for each item—some for the vehicle, some for the small arms.

USE TYPEWRITER OR PRINT FIRMLY ON HARD SURFACE WITH HARD PENCIL OR BALL POINT PEN

MAINTENANCE REQUEST (TM 38-750)

*See reverse of file copy for codes and additional data.

PAGE NO. 1 | NO. OF PAGES 1 | REPORTS CONTROL SYMBOL CSGLD-1047 (R1)

ORGANIZATION ISSUE PRIORITY DESIGNATOR CODE

SECTION I — [X] WORK REQUEST [ ] MWO [ ] EIR

CONTROL NUMBER	10. ORGANIZATION	11. LOCATION	c. ORG IDENT CODE
A23584	HQ & HQ CO 1ST BDE 110TH INF DIV	FT POLK, LA.	0B1243C

2. SERIAL NUMBER	3. NOUN NOMENCLATURE	4. LINE NUMBER	5. MODEL	6. FEDERAL STOCK NUMBER	10. HOURS	11. MILES	12. ROUNDS	13. STARTS
SEE BLOCK 16	RIFLE	N/A	M14	1005-589-1271	N/A	N/A	N/A	N/A

7. STRAC [ ] 1 YES [X] 2 NO

8. UTILIZATION CODE* ON

9. SELECTED ITEM [X] 1 YES [ ] 2 NO

14. FAILURE DETECTED DURING (Select one - use ✓ or X)
[ ] A SCHEDULED MAINTENANCE [ ] B HANDLING [ ] C TEST [ ] D NORMAL OPERATION [ ] E STORAGE [X] F INSPECTION [ ] G FLIGHT [ ] H OTHER

FIRST INDICATION OF TROUBLE (Select one - use ✓ or X)
[ ] INOPERATIVE [ ] NOISY [ ] OVERHEATING [ ] LOW PERFORMANCE [ ] 790 OUT OF ADJUSTMENT [X] 099 OTHER

IC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND
QUANTITY OF SIX RIFLES AS LISTE
Y SERIAL NUMBER:

1. 1094163
2. 1734315
3. 1048210
4. 1189382
5. 1304186
6. 1563867

TEMS 1 THRU 5 REQUIRE REFINISH
S PER ORD INSPECTION TEAM
EM 6 HAS CRACKED FLASH
PPRESSOR

NOTE THE CHECK IN BLOCK 9.

DA Form 2407

If you use the 2402 (Exchange Tag) to turn in a weapon part, component or assembly on direct exchange or to identify an unserviceable item as an EIR exhibit, remember this point:

YOU IDENTIFY YOUR WEAPON AS THE END ITEM IN BLOCK 9, WHETHER IT COMES OFF A VEHICLE OR OUT OF YOUR GUN ROOM.

6. EIR EXHIBIT [ ] / EXCHANGE [ ]	7. REPAIRED DATE	INITIALS
END ITEM IDENT	8. NOUN NOMENCLATURE/MANUFACTURER: MACHINE GUN, CAL .50	
	9. MODEL: M85	10. SERIAL/LOT NO.: 243

PREVIOUS EDITION IS OBSOLETE.

DA Form 2402

The 2404 (Inspection and Maintenance Worksheet) is another form to watch out for if you use it for small arms . . . Block 2 (Nomenclature and Model); Block 7 (TM Reference), and Column a (the item number of the inspection list in your TM), especially.

If the inspected weapon's a machine gun off a tank or helicopter, for example, you list the "mother" equipment in Block 2 and give its TM reference in the first half of Block 7. In this case, you'd put the TM reference for the machine gun in the second half of Block 7, but only if the gun takes a separate TM. In some cases you might even have to jot down a couple of TM references for each item—some for the vehicle, some for the small arms.

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET
(TM 38-750)

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
A CO 4TH BN, 37TH ARMOR	TANK, M48A3

3. REGISTRATION/SERIAL/FSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
9A9557	558	112	50		4183	OPERATOR/DAILY

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-2350-224-10	JUL 63		

INSTRUCTIONS - Perform each check listed in the ... performed. Follow the sequence listed in ...

Then, when you come to Column a, you list the vehicle's TM item numbers first. Next, draw a line across the sheet and list the machine gun's TM item numbers. If the vehicle doesn't have any deficiencies, draw the line anyway, and then list the machine gun's TM item numbers.

58B	X	BARREL JACKET CRACKED	DA FORM 2407	R.J.C.

DA Form 2404

When you're inspecting a rackful of M14 Rifles, f'rinstance, no problem. You identify the M14's in Block 2 and give the TM references in the first half of Block 7.

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET
(TM 38-750)

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
HQ & HQ CO 1ST BDE 112TH INF DIV	7.62-mm RIFLE, M14

3. REGISTRATION/SERIAL/FSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
1005-589-1272	N/A	N/A	N/A	N/A	4230	WEEKLY

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005-223-12	JAN 63		

INSTRUCTIONS - Perform each check listed in the TM applicable to the inspection performed. Following the sequence listed in pertinent ... complete form as foll...

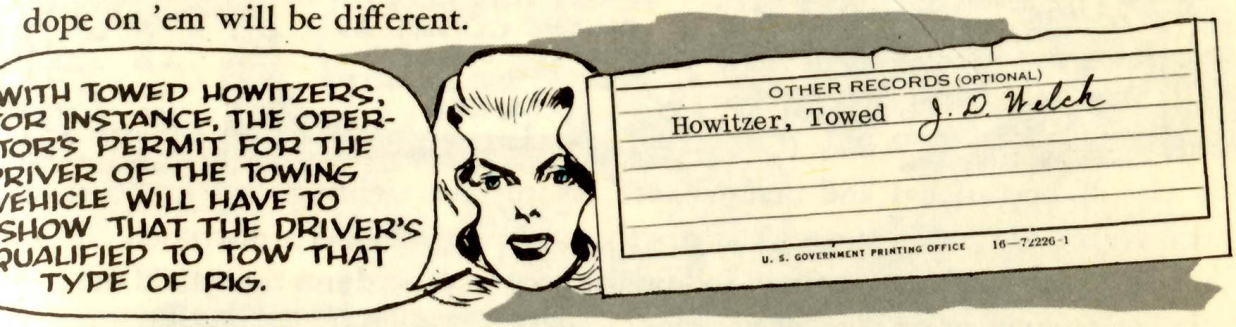
THEN YOU WRITE THE APPROPRIATE TM FIGURE, PARAGRAPH OR PAGE NUMBERS IN COLUMN a.

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c		CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
TABLE II	⊗	1094163	BUTT	DA FORM 2407	R.S.G
PAR 37	⊗	1184784	PLATE		
NO. 4	⊗	1065041	CRACKED		
	⊗	1272834			

DA Form 2404

ARTILLERY

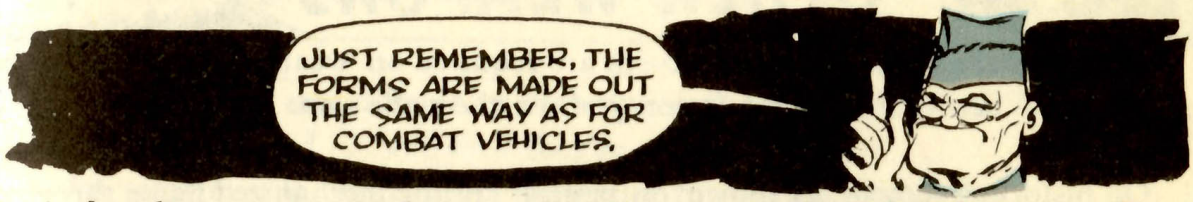
Operational records used for artillery pieces are also the same as for combat vehicles. You fill out the forms the same way, though, of course, some of the dope on 'em will be different.



Like with combat vehicles, the dispatch will usually be done with the equipment log, but the CO has the option to require the use of DA Form 2400. You use the 2400 and SF 91 just the same way you'd use 'em for combat vehicles.

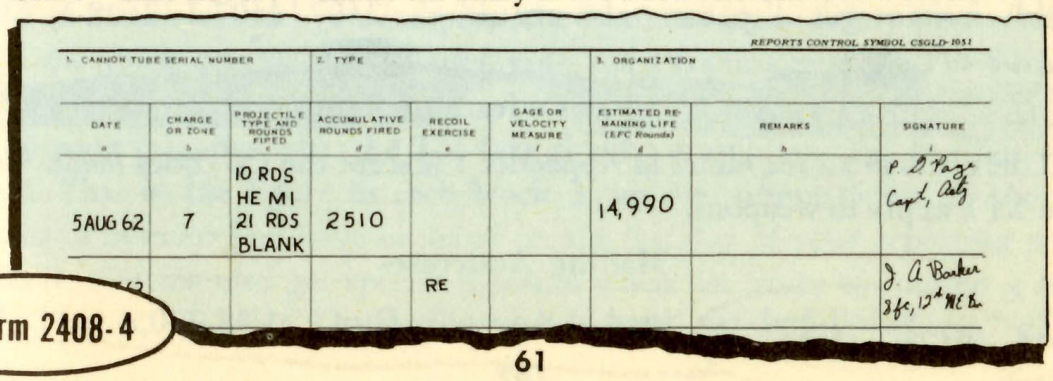
The maintenance records (DA Forms 2402, 2404, 2405, 2407/2407-1 and DD Form 314) are also all handled the same way as for combat vehicles.

On historical records (2408/series) as shown in para 4-26 of the TM you find that towed artillery gets all the same forms as the self-propelled type, except DA Form 2408-1. Check the chart for your equipment's log book requirements.



And make sure you check Appendix III to see exactly what forms you have to keep for items on the list for collected maintenance data. The medium and heavy towed howitzers, for example, are the only ones on which 2406's have to be kept, while the motorized heavy gun's the only one that doesn't need a 2407/2407-1 and 2408-3 for reporting purposes.

When you come to the 2408-4 (Weapon Record Data), pay special attention to Column e (Recoil Exercise). You only enter the date here if your recoil mechanism's been mechanically or hydraulically exercised in accordance with TB ORD 303 **by** or **under** the supervision of your Ord-type support people. You don't—like never!—make an entry if it's been exercised as a result of firing.

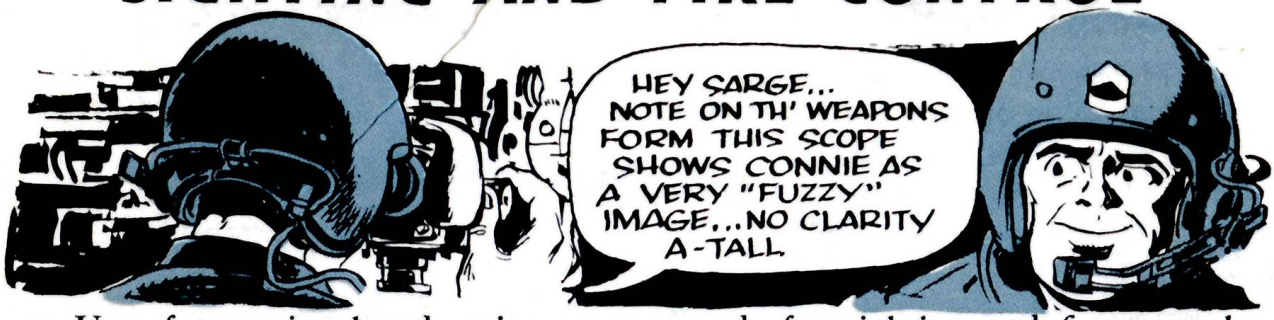


REPORTS CONTROL SYMBOL CSGLD-1051

1. CANNON TUBE SERIAL NUMBER			2. TYPE			3. ORGANIZATION		
DATE a	CHARGE OR ZONE b	PROJECTILE TYPE AND ROUNDS FIRED c	ACCUMULATIVE ROUNDS FIRED d	RECOIL EXERCISE e	GAGE OR VELOCITY MEASURE f	ESTIMATED REMAINING LIFE (EFC Rounds) g	REMARKS h	SIGNATURE i
5 AUG 62	7	10 RDS HE M1 21 RDS BLANK	2510			14,990		P. D. Page Capt, Arty
[illegible]				RE				J. A. Barker Sfc, 12th ME Bn

DA Form 2408-4

SIGHTING AND FIRE CONTROL

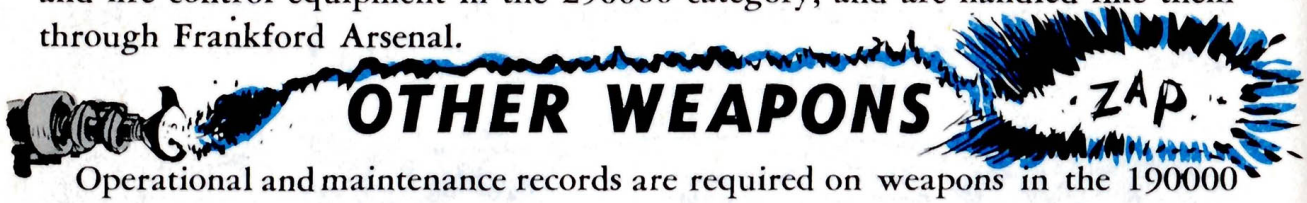


Use of operational and maintenance records for sighting and fire control equipment (180000 category) is strictly at the commander's discretion. If he wants you to keep 'em, though, follow the general procedures that you'd use for similar equipment on combat vehicles.

As for historical records, you'll find that the end item equipment, like computer sets, take a more or less full log book. The mounted ones, like telescopes, on the other hand, take none—just like sighting and fire control equipment on combat vehicles.

Calibration services on these items are handled the same way as for sighting and fire control equipment in the 250000 category, and are handled like them through Frankford Arsenal.

OTHER WEAPONS



Operational and maintenance records are required on weapons in the 190000 category. When you use these forms, you use them the same way as for combat vehicles.

On historical records, as shown on page 4-76, the mechanized flame thrower and irritant gas dispensers take a more or less full-scale log book, while the others, like the portable flame thrower, require fewer forms and don't even rate a log book binder.

However, like the TM says, any outfit can get a binder to keep these records in—and ought to keep the forms for all identical equipment in the same binder.

All of the "Other Weapons", except the mounted irritant gas dispenser, are on the list of items for collected maintenance data (Appendix III). The portable flame thrower and mechanical smoke generator both require 2406's for materiel readiness reporting, and both of these, plus the mechanized flame thrower and portable irritant gas dispenser, also require the 2407/2407-1, 2408-3, 2408-7 and 2408-8.

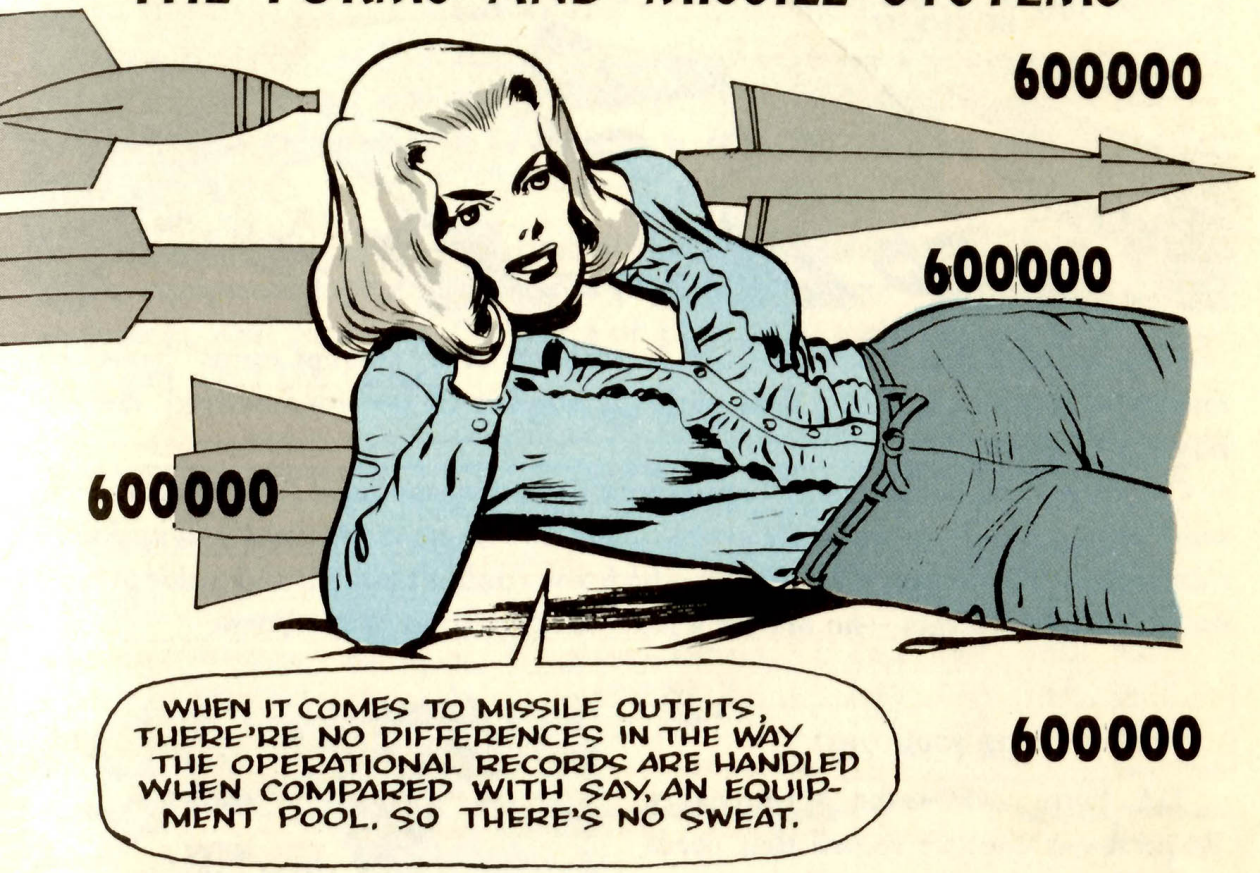
Codes

All the codes in all the tables in Appendix I (except the CB codes mentioned in Table XI) apply to weapons.

Mailing Addresses

You'll find 'em listed in Appendix II of TM 38-750.

THE FORMS AND MISSILE SYSTEMS



But you do run into differences with maintenance records—both in the matter of when they're used . . . and how they're used.

Also some missile outfits use a particular form while others don't.

DA FORM 2406

DA Form 2406—the Materiel Readiness Report—is a case in point. Whether a missile system uses a 2406 depends on what utilization code it comes under according to Table VII to Appendix I in TM 38-750. And it turns out that the codes show that ARADCOM units are left out in the cold.

But even this deal can be changed because of a coupla lines that the TM adds that say the 2406 will be completed if "directed by appropriate command."

A missile battery has it made when filling out a 2406 because you deal with the entire system—not the various major items within the system. Even when you get up to battalion level you complete the form in terms of only four systems—except the 45kw generator units used with the Pershing system. The generator units are listed on their own 2406.

You want to notice what the TM says about information that you put in column f. That is, the figure in each block down the column wants to show the number of systems you have on hand on the last day of your reporting period.

Missile systems also get special mention when you come to column g on the 2406. That is, "possible equipment days" means the possible "system" days.

Keep in mind that when the 2406 is prepared on a "current status" basis, the entries in columns g thru j deal with the number of systems involved, not the number of days.

Columns i and j are headed "equipment days non-available." This means the same as downtime for a missile system. And downtime is reckoned as a period of time more'n 10 minutes long during which you couldn't launch and guide at least one missile to a target—no matter what your condition of readiness.

DA FORM 2407

DA Form 2407—the Maintenance Request—is another record that needs eyeballing if you're a missile man.

F'rinstance . . . TM 38-750 says you can use one 2407 when you want to ask for maintenance services on a coupla similar type items with different serial numbers. But the TM goes on to say that this deal doesn't apply to items listed in para 4-26.

In block 20d, you put the CB—component breakdown—code for the item involved. You get this, of course, from your 9-1400-series TB.

Block 20e is where you put the reference or circuit designator of the item.

And you write the code of the manufacturer of the assembly, component or part you're applying in block 20f. The codes are listed in SB 708-501, -502 and -600. If you can't find the code, tho, write "Unk" for unknown.

DA FORM 2410

Under the old setup, DA Form 2410, the Component Removal and Repair/Overhaul Record, was used strictly for aircraft. Now it's also used to record and report the control of, among other things, selected recoverable missile components. These components will be listed in a series of TB's for each particular missile system.

EQUIPMENT LOGS

The equipment logs, as you know, give the history of a particular piece of equipment. And para 4-26, Chapter 4 of TM 38-750 spells out just what equipment gets what DA forms.

DA FORM 2408-3

CONTROL NO. A67312 | 1. ORGANIZATION: BTRY D 5TH MSL BN, 87TH ARTY | 2. LOCATION: APO 40, N.Y. N.Y. | 3. ORG IDENT CODE: OD 6587V | 4. SERIAL NO.: 1076

5. NOUN NOMENCLATURE: TRACKING STATION | 6. LINE NO.: 610030 | 7. MODEL: AN/MPA-6 | 8. FEDERAL STOCK NO.: 1430-568-4993 | 9. STRAC: ☐ YES ☒ NO | 10. UTILIZATION CODE: ON

11.	FAILURE DETECTED DURING a	FIRST INDICATION OF TROUBLE b	REPAIRS AND SERVICES: ACT CODE c	FAILURE CODE d	COMPONENT/PART NOUN OR SERVICE: CB CODE e	REF DESIG f	MFR g	MANHOURS HRS-10THS h	FEDERAL STOCK NUMBER i	QTY j	READING: HOURS k	MILES l	ROUNDS/STARTS m	JULIAN DATE n
(1)	A	360	A	004	0103A	V10	SYL	.2	5960-262-0210	1	N/A	N/A	N/A	4234
(2)	A	387	A	004	0103A	V6	SYL	.2	5960-503-0607	1	N/A	N/A	N/A	4235
(3)	D	387	A	004	015A	V1	RAY	.4	5960-240-3171	1	N/A	N/A	N/A	4240
(4)														
(8)														
(9)														
(10)														
(11)														
(12)														

12. REMARKS (Indicate applicable line No.)

DA Form 2408-3

13. EQUIPMENT AVAILABILITY: a. POSSIBLE EQUIPMENT DAYS: 7 | EQUIPMENT DAYS NON-AVAILABLE: b. ORGANIZATIONAL MAINT: ½ | c. SUPPORT MAINT: 0

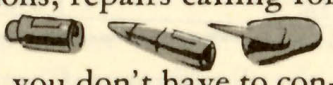
14. EQUIPMENT SERVICEABILITY: a. GREEN ☐ | b. AMBER ☐ | c. RED ☐ | 15. TOOLS

EQUIPMENT MAINTENANCE RECORD (ORGANIZATIONAL) (TM 38-750) — REPORTS CONTROL SYMBOL CSGLD-1048 (R1)

DA FORM 2408-3, 1 JAN 64 — CONTROL COPY 1

DA Form 2408-3-1 is no more. It's become part of the 2408-3—the Equipment Maintenance Record (organizational).

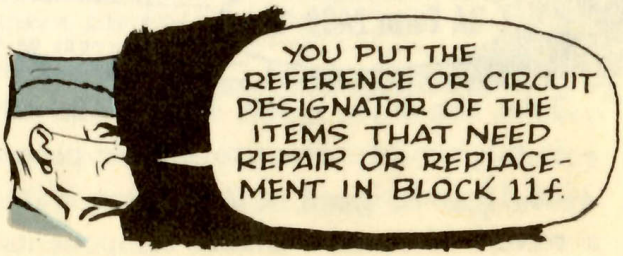
A coupla places on the 2408-3 get special treatment when missile units use the form to record maintenance services, inspections, repairs calling for parts usage, etc.

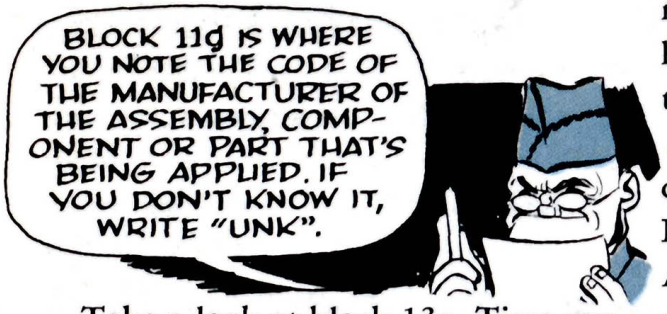


For one thing, you don't have to concern yourself with the words "Component/Part Noun or Service" that head columns 11e, f and g. What you do get to work on, tho, are the columns themselves.

You jot down the CB—component breakdown—code that you get from your 9-1400-series TB's in block 11e.

Block 11f is used for both missile and communication-electronic equipment.





Take a look at block 13a. Time covered by the report, in the case of a missile system, can't be more'n seven days.

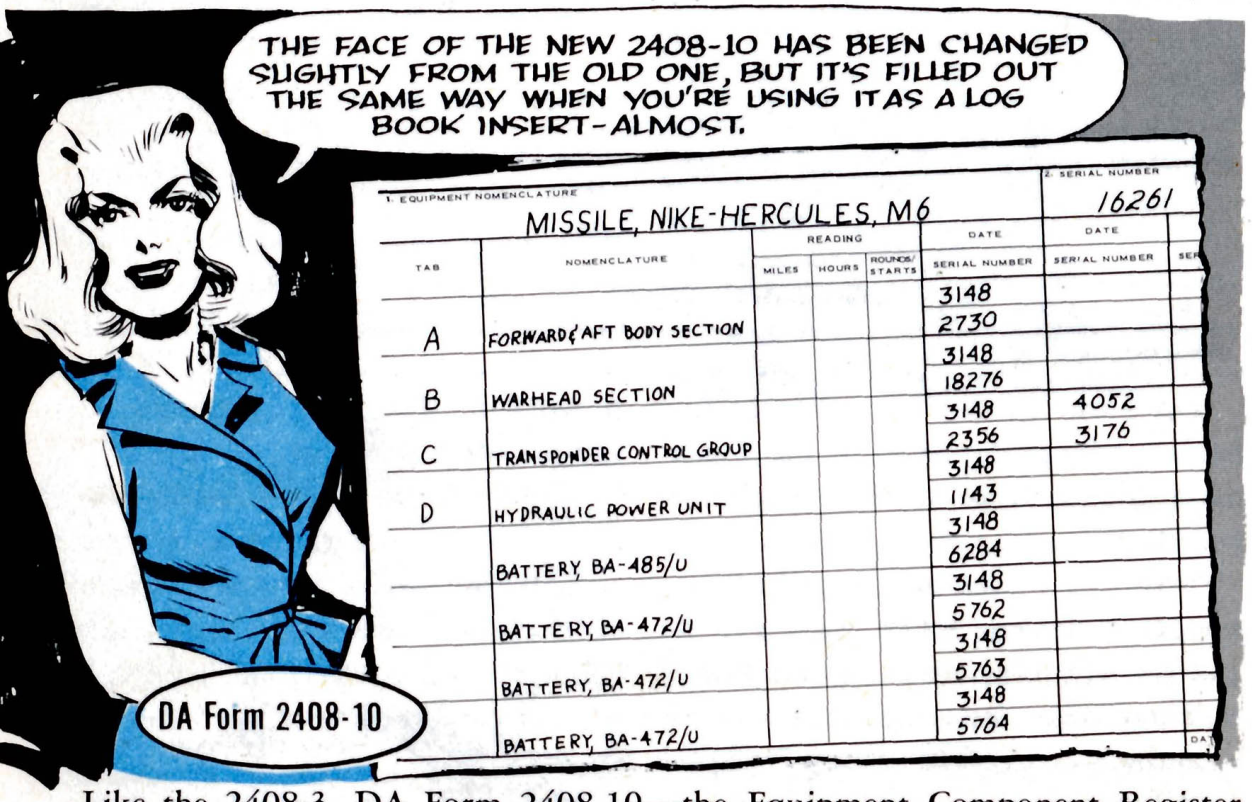
In block 13b, when you're figuring how long the item was not available because you were correcting a deficiency or applying an emergency MWO, remember that you're talking in terms of downtime hours with a missile system.

And downtime in hours is what a missile outfit puts in block 13c to show how long the item was under the control of its support unit.

When it comes to disposition of the different copies of the 2408-3, the NMP copy gets sent to the address in Appendix II in TM 38-750 at the end of each seven-day period or when all the lines on the form are filled—whichever happens first. (Then, too, your next higher headquarters may tell you to send the forms to a local collection activity.)

Before you drop the NMP copy in the mail, tho, better check Appendix III to TM 38-750. The appendix tells what missile items the NMP wants info on. If your equipment's not included, you can toss away the NMP copy.

DA FORM 2408-10



1. EQUIPMENT NOMENCLATURE: MISSILE, NIKE-HERCULES, M6

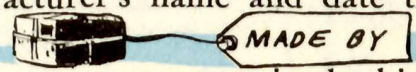
2. SERIAL NUMBER: 16261

TAB	NOMENCLATURE	READING: MILES	READING: HOURS	READING: ROUNDS/STARTS	DATE / SERIAL NUMBER	DATE / SERIAL NUMBER	SER
					3148		
A	FORWARD & AFT BODY SECTION				2730		
					3148		
B	WARHEAD SECTION				18276		
					3148	4052	
C	TRANSPONDER CONTROL GROUP				2356	3176	
					3148		
D	HYDRAULIC POWER UNIT				1143		
					3148		
	BATTERY, BA-485/U				6284		
					3148		
	BATTERY, BA-472/U				5762		
					3148		
	BATTERY, BA-472/U				5763		
					3148		
	BATTERY, BA-472/U				5764		

Like the 2408-3, DA Form 2408-10—the Equipment Component Register—is mighty important to missile people. That's because one of the things the 2408-10 is designed to do—when it's used as an insert in the log book—is keep a record of certain missile components and replacement of these components.

In block 1, you identify the missile according to the system and its model number . . . in block 2 you write the serial number of the missile . . . in the Tab column, use a letter tab designation for each component listed in the Nomenclature column for which you keep a separate log . . . in the Nomenclature column, insert the nomenclature of components of the missile—and you do this as soon as you latch on to a new missile . . . and in the Date and Serial Number column, you note the serial numbers of the components and the date you received the missile.

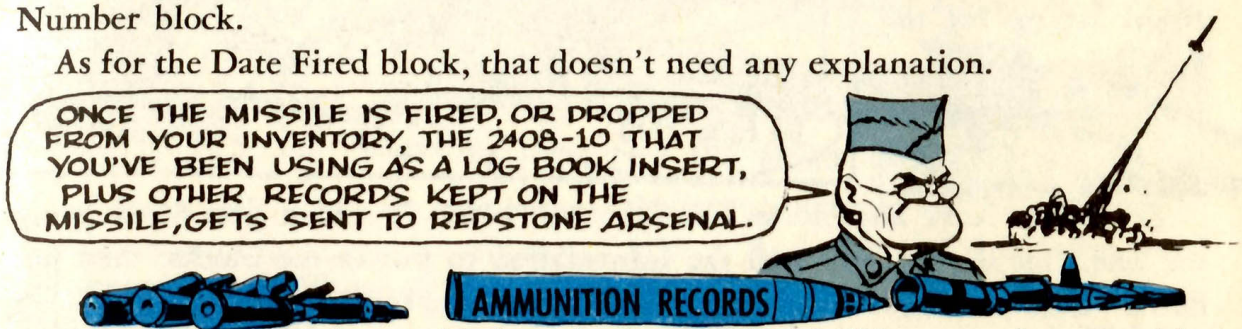
If the item has both a serial number and a lot number, write the lot number under the nomenclature of the item. If it has a lot number, but no serial number, put the lot number under the nomenclature of the item . . . and write "none" in the Serial Number space. It's also a good idea to include in the Nomenclature section—the manufacturer's name and date the lot numbered item was made—if you know it.



If you have more'n one of the same components in the bins, like the safety and arming device, you can squeeze the info on them in the nomenclature column when you replace one of the components.

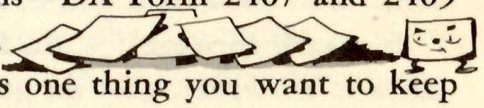
You can see that you have three other columns for mentioning the date and serial numbers of the components that you replace. When the component involves a lot number, you don't have any choice about where to put it, or the manufacturer's name and date it was made. You have to squeeze it in the Serial Number block.

As for the Date Fired block, that doesn't need any explanation.

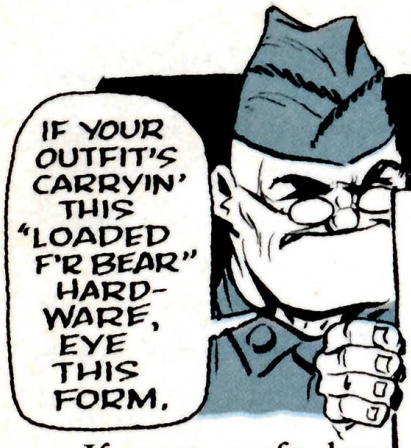


Something new's been added to the latest TM 38-750—use of ammunition records by various outfits, including those handling nuclear weapons materiel and guided missile ammo (rocket motors, warhead sections, igniters and the like).

The records are kept on two well-known forms—DA Form 2407 and 2409—and a stranger to the crowd—DA Form 2415.



Before you sit down to fill out a form, there's one thing you want to keep circulating around in the old noggin: say as much as you can without violating any security regulations. So have AR 380-5 and 380-6 on hand to keep everything "legal".



DA FORM 2415

If your outfit has nuclear weapons or guided missile ammo, TM 38-750 tells you to use DA Form 2415 — the Ammunition Condition Report—to report failures, discrepancies and other conditions. "Other conditions" include such things as having nuclear weapons and guided missile ammunition in temperatures that're outside the limits set up for the stuff.

AMMUNITION CONDITION REPORT (TM 38-750)

1. DATE OF REPORT: 18 September 1964	REPORTS CONTROL SYMBOL CSGLD - 1202
2. ACTIVITY REPORT NO.: OC4534V	3. SERVICE CONTROL NO.
4. TO: Commanding General US Army Missile Command ATTN: AMSMI-SMME Redstone Arsenal Alabama 35809	5. FROM: (Complete Activity Mailing Address) Commanding Officer Btry C, 12th Msl Bn, 20th Arty APO 26 New York, New York
6. COMMODITY: ☐ NUCLEAR WPN ☐ CBR AMMO ☒ GUIDED MISSILE ☐ CONVENTIONAL AMMO	
7. TYPE OF REPORT: ☐ UNSERVICEABLE NEW MATERIAL ☒ MATERIAL ☐ MANUAL ☐ DRAWING/SPECIFICATION ☐ OTHER	8. TOE/TA: 44-547D

MANUAL IDENTIFICATION

9. SHORT TITLE OF MANUAL REPORTED ON	10. DATE OF BASIC MANUAL	11. LAST CHANGE POSTED
12. PARAGRAPH, FIGURE, TABLE, ETC.	13. LINE, CALL-OUT, ITEM NO., ETC.	14. OTHER AFFECTED INSTRUCTION

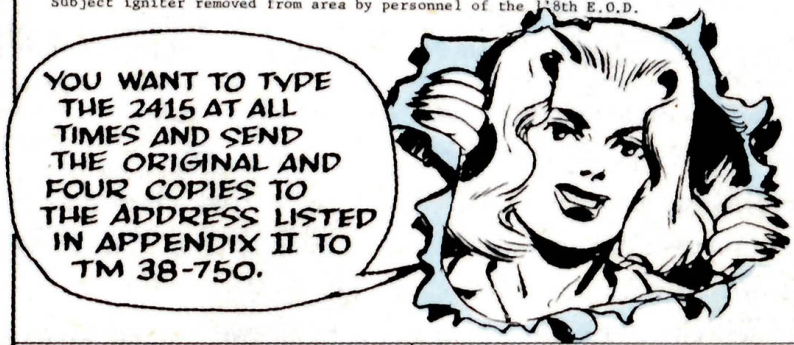
MATERIAL IDENTIFICATION

15. NAME OF ITEM REPORTED ON: Igniter, Rocket Motor		24. NAME OF EQUIPMENT ON WHICH INSTALLED OR USED: Rocket Motor	
16. PART NO. AND/OR FSN: 1336-737-0462	17. MODEL: M65	25. PART NO. AND/OR FSN: 1336-891-5470 V186	26. MODEL: M42A1
18. MANUFACTURER OR SHIPPER/DATE: Radford Arsenal Apr 61	19. SER NO./LOT NO.: Rad 1-6	27. MANUFACTURER OR SHIPPER/DATE: Radford Arsenal 3 Apr 61	28. SER NO./LOT NO.: Rad 2-49
20. CONTRACT NO.: Unk	21. SHIPPING ORDER NO.: Unk	29. CONTRACT NO.: W-11-173-Ord-37	30. SHIPPING ORDER NO.: A-45-DBC-1090-0001
22. SPEC NO./DATE: Unk	23. DATE RECEIVED: 8 March 1963	31. SPEC NO./DATE: Unk/March 1963	32. DATE RECEIVED: 8 March 1963

33. USE (WR or Trng): Service Round	34. QUANTITY IN LOT: Unk	35. QUANTITY INSPECTED: 4	36. QUANTITY DEFECTIVE: 1	37. NO. PREVIOUS FAILURES: None

38. DETAILS (Description, Cause, Action taken, Disposition of items, Type of report IF NOT INDICATED ABOVE)

Igniter found to have had a cracked plastic cup, making it unserviceable. Subject igniter removed from area by personnel of the 118th E.O.D.



39. TYPED NAME, GRADE, AND TITLE

40. SIGNATURE: Edward Masterson

DA Form 2415

Try not to leave any blocks blank, except block 3, which gets filled in up the line. But if you can't find the information to put in the blocks, then put down "Unk" to show that you haven't skipped the blocks.

UNK

It wouldn't hurt to give a few blocks special mention.

Block 5 speaks for itself, but if you're overseas and reporting on a nuclear weapon, don't write anything that'll show where you're located.

If you're not a TOE or TA outfit, it wouldn't do any harm to put N/A in block 8 to show that you didn't miss it by mistake.

N/A

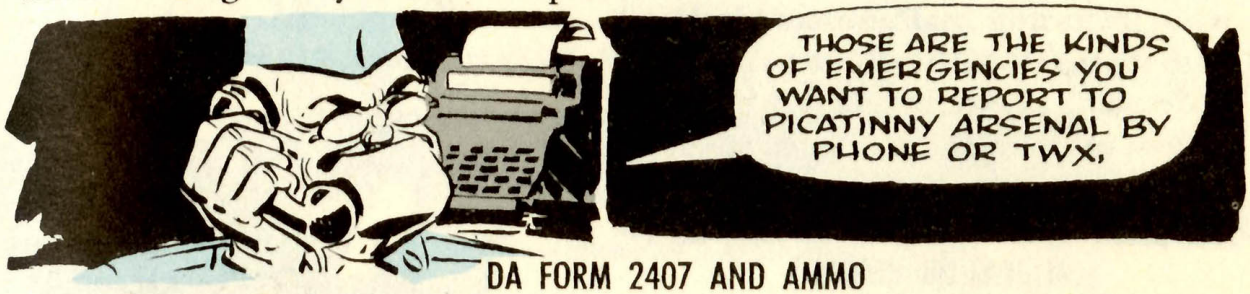
Blocks 9 through 14 are left blank unless the info applies to the over-all picture. However, they do get filled in when you report an error or recommend a change in procedures in a publication dealing with nuclear weapons and associated test and handling equipment. (This kind of scoop pertaining to guided missile pubs gets reported on DA Form 2028.)

You want to take a close look at what TM 38-750 says about using the form from block 34 on when reporting on nuclear weapons. That is, don't include stockpile info from block 34 on.

Block 38 is where you go into details of the condition about which you're reporting. Don't leave any stone unturned.

Comes a time with nuclear weapons when you run into an unsafe condition that you know or think might lead to a fatal or serious injury to personnel . . . destruction of or a heap of damage to property . . . or a deal where you'd be hurting in the matter of reliability or operational capability. Those are the kinds of emergencies you want to report direct to Picatinny Arsenal—by phone or TWX.

If things aren't bad enough to be called an emergency, but action is needed to correct deals such as methods and procedures or to increase reliability or operational capability or both . . . then air mail the 2415 to Picatinny.



DA FORM 2407 AND AMMO

DA Form 2407 has two uses when you're talking about ammo—all sorts of ammo.

You use a 2407 as an EIR when you think your recommendation will mean an improved design or will put the item to additional use or both. (Don't get the 2407 and 2415 confused here. They serve two different purposes.) The scoop on filling out a 2407 as an EIR for ammo is in para 3-7.8 of TM 38-750.

You also make out a 2407 for ammo when you want to record a retrofit or MWO. And para 3-7.2 has the word on completing the 2407 when it's used to report that a retrofit or MWO has been applied.

Whether you use the 2407 as an EIR or to record a retrofit or MWO . . . don't bother putting info in the blocks that don't apply to the equipment.

And one of the most important things to remember is that the File and NMP copies of the 2407 get sent to Picatinny Arsenal.

DA FORM 2409 AND NUCLEAR WEAPONS

DA Form 2409—the Equipment and Maintenance Log—comes into the picture as an inspection and maintenance log for nuclear weapons and related test and handling equipment.

Completing the 2409 for this purpose is a snap because you can pass by a number of the blocks and columns without writing anything.

Starting at the top, identify the system.

Section A, block 8. What goes here, if it applies, is the fired weight.

Section B. You put the day, month and year in column a . . . the person who does what column c says has been done, initials column b . . . and tests, inspections and any requirement spelled out in the TM goes in column c.

Section C is real easy. You leave it blank.

Section D is where you record retrofit and MWO information.

When the end item, such as the warhead section, projectile, etc., is expended, take the 2409 from the Log Book (if this applies) and send it to Picatinny Arsenal.

ACCIDENTS, INCIDENTS AND MALFUNCTIONS

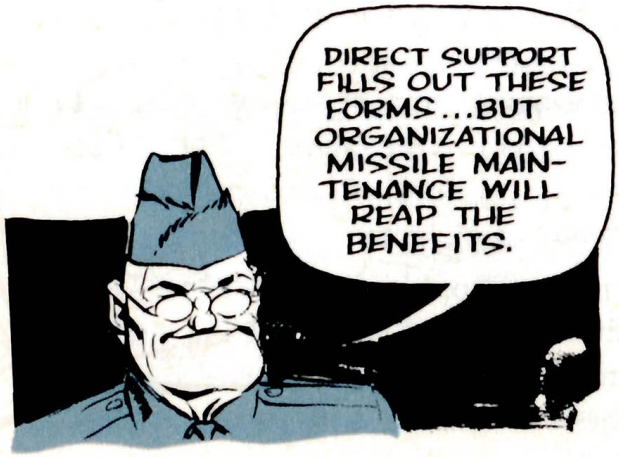
Two points to be made here.

First . . . have AR 700-1300-8 handy when reporting malfunctions dealing with ammo.

Second . . . AR 385-40 is what you follow when reporting accidents and incidents involving nuclear weapons.

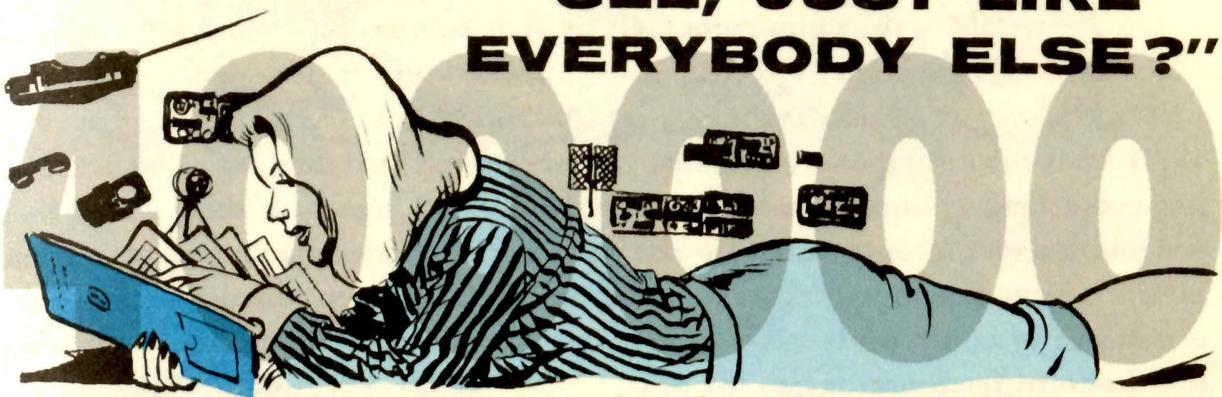
CALIBRATION RECORDS

The latest TM 38-750 brings with it forms that're used to control the calibration of equipment.



COMMUNICATIONS . . .

"GEE, JUST LIKE EVERYBODY ELSE?"

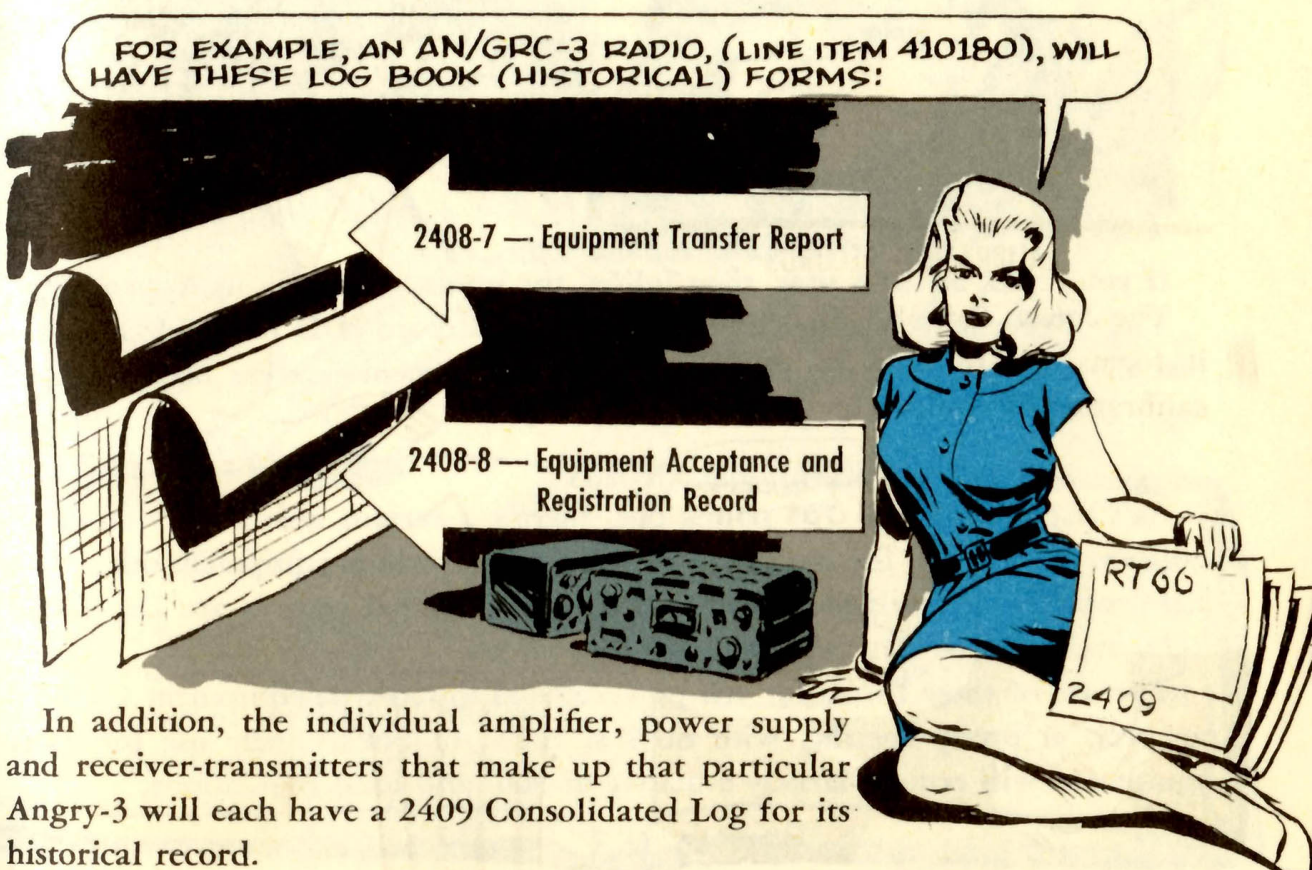


For you communications types, who have been either glad, sad or mad over the limited usage of records and forms, the new TM 38-750 spells out the BIG MESSAGE loud and clear: "Into the fold with forms!"

By dialing your eyeballs to para 4-26 and Appendix III to the TM, you can see right away that your communications and electronic equipment is now pretty much in the same convoy—if not the same boat—as other types of equipment.

HISTORICAL RECORDS

Practically every major component will have a historical record (the 2409 Consolidated Log, for the most part). The major item itself, or end item, may also have several other historical records which will contain the dope for all the components of the set when the 2409's don't do the whole job.



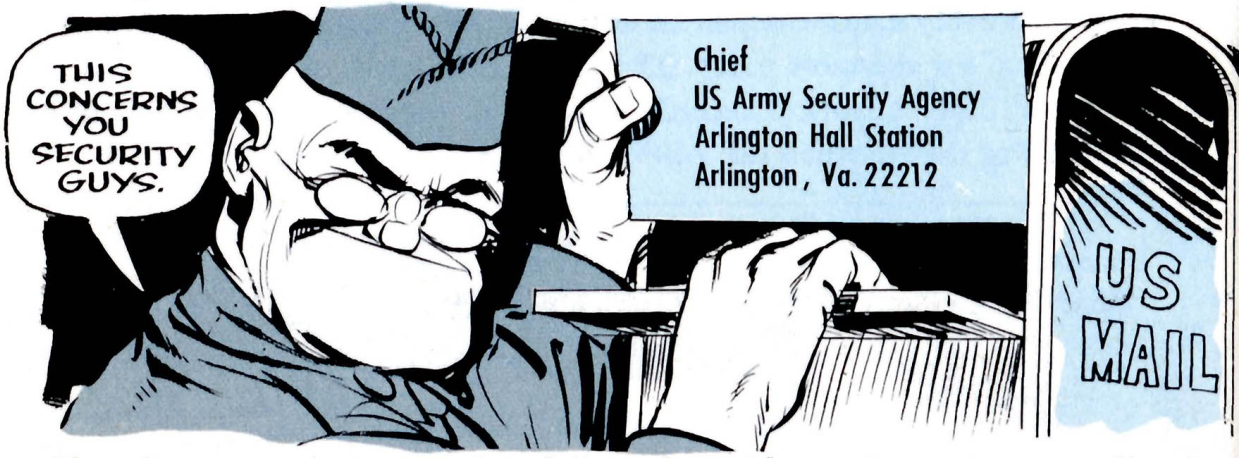
In addition, the individual amplifier, power supply and receiver-transmitters that make up that particular Angry-3 will each have a 2409 Consolidated Log for its historical record.

MAINTENANCE RECORDS

As for your maintenance records, the big gun is still the 2404, Equipment Inspection and Maintenance Worksheet. The neat thing about this form is that you can use one form to pull your day-to-day checks on a whole system of components—like an Angry-46. And as long as there're no problems you can't fix immediately, or no problems requiring use of repair parts, you can continue to use the form from one day to the next.

The 2407, Maintenance Request, with all of its many uses, is another big gun. There's nothing special about filling in a 2407 for your comm or electronic equipment. 2407

Appendix II of the TM gives you the pitch on where to mail your various forms and records. Pay particular attention to your items of equipment that fall between line number 470010 and 470060. If you are an ASA user of these items, then all your forms and records are mailed to:



If you're not an ASA user, then follow the guidance shown in Appendix II.

Your Preventive Maintenance Schedule and Record (DD Form 314) is used just about the way it is for all other types of equipment—except maybe a little more often.

OPERATIONAL RECORDS

As Chapter 2 of the TM points out, there's a certain amount of command decision involved in the use of the operational records on equipment other than self-propelled and self-powered types. The operational records are DA Forms 2400 and 2401, SF 91, DA Form 348, and SF 46.

The use of these forms for self-powered and towed-type equipment (generator sets) is pretty specific, with no if's, and's, or but's. Their use for other equipment will remain largely a matter of SOP and local regulations.

FORMS TO FLY BY

500000

ADD TWO (-3 & -18)

The DA Form 2408-3 was not used for aircraft maintenance records before this revision to the system. The filling out of this form has already been explained on page 34 of this pamphlet and in para 4-7 of TM 38-750.

DA Form 2408-3

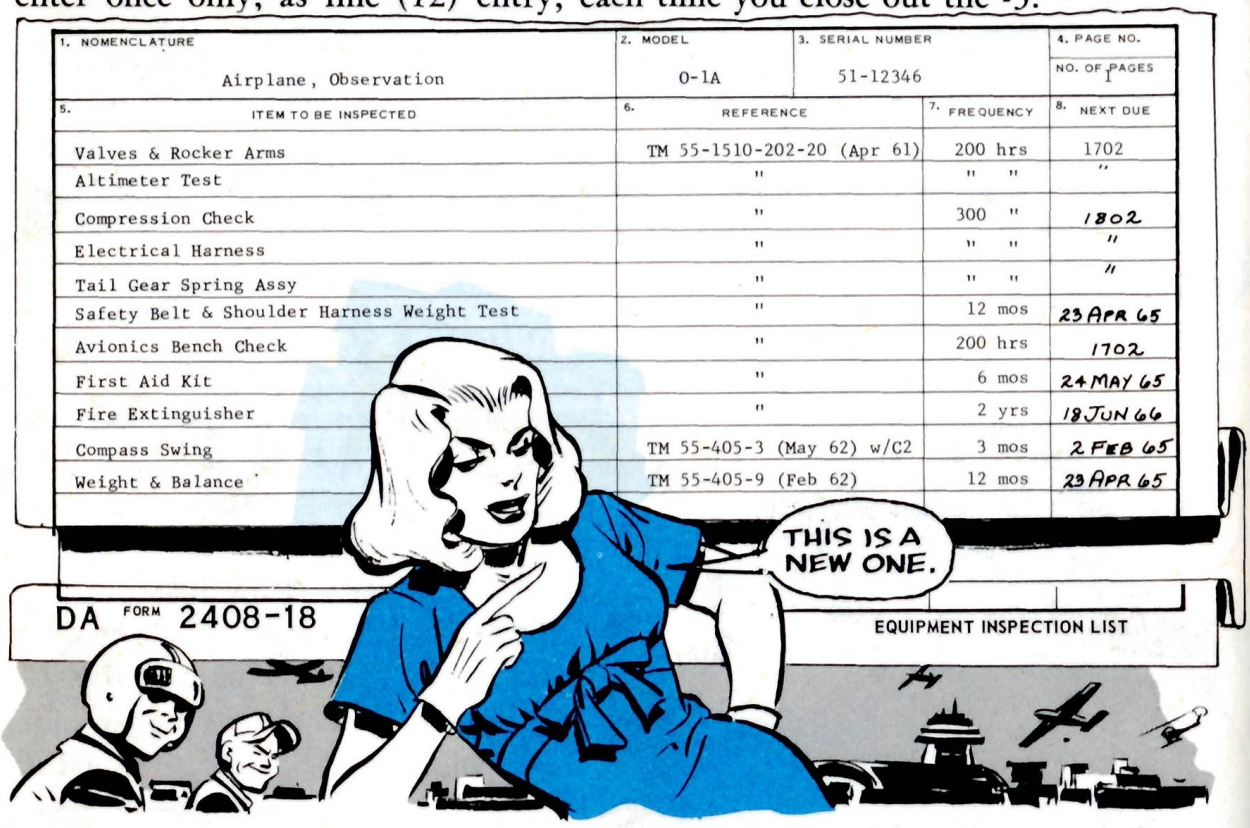
			READING			
HOURS (TENTHS)	FEDERAL STOCK NUMBER	QTY	HOURS	LANDINGS	ROUNDS/ STARTS	JULIAN DATE
h	i	j	k	l	m	n
			4840		0	5275
			4842		0	5276
			4849		0	5280
			4853		2	5292
			4855		0	5295
			4858		3	5299
	CLOSED OUT		4861	243	3	5304

POSSIBLE EQUIPMENT DAYS | EQUIPMENT DAYS NON-AVAILABLE | OPERATION OR SHIPMENT

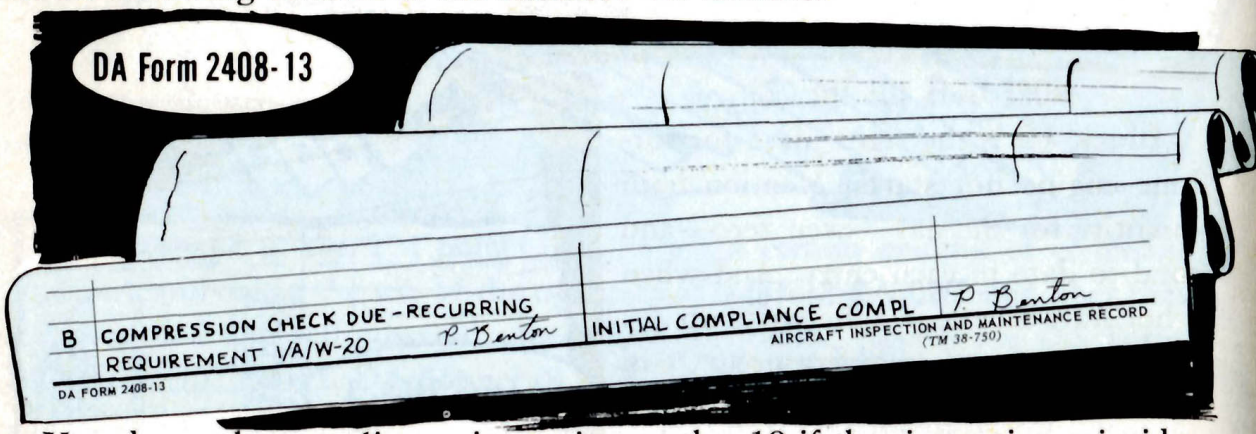
The only blocks peculiar to aircraft are 11k thru 11m, where you enter total hours operating time, total landings and total gas turbine engine hot starts, respectively. You pick up time and hot starts from your -13 at end of each inspection or maintenance action . . . landings from the past month's -12's and enter once only, as line (12) entry, each time you close out the -3.

1. NOMENCLATURE	2. MODEL	3. SERIAL NUMBER	4. PAGE NO. / NO. OF PAGES
Airplane, Observation	O-1A	51-12346	1

5. ITEM TO BE INSPECTED	6. REFERENCE	7. FREQUENCY	8. NEXT DUE
Valves & Rocker Arms	TM 55-1510-202-20 (Apr 61)	200 hrs	1702
Altimeter Test	"	" "	"
Compression Check	"	300 "	1802
Electrical Harness	"	" "	"
Tail Gear Spring Assy	"	" "	"
Safety Belt & Shoulder Harness Weight Test	"	12 mos	23 APR 65
Avionics Bench Check	"	200 hrs	1702
First Aid Kit	"	6 mos	24 MAY 65
Fire Extinguisher	"	2 yrs	18 JUN 66
Compass Swing	TM 55-405-3 (May 62) w/C2	3 mos	2 FEB 65
Weight & Balance	TM 55-405-9 (Feb 62)	12 mos	23 APR 65



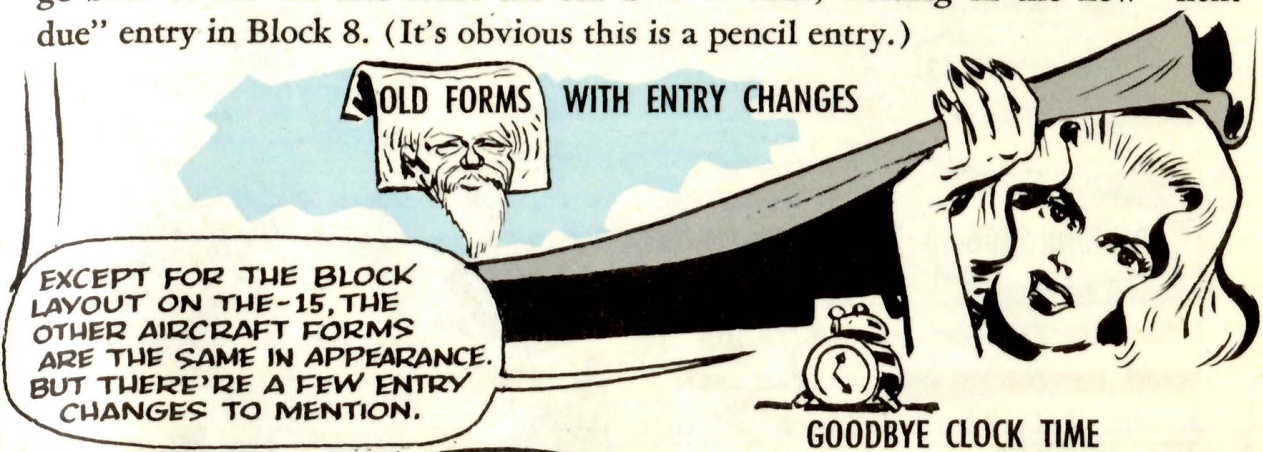
DA Form 2408-18, a new form, gives you a record of odd interval **calendar or time inspections** . . . and serves as a home for those **interim recurring inspections** required by TWX or TB until each recurring inspection is picked up in the following revision of the aircraft's -20 manual.



You do not have to list an inspection on the -18 if that inspection coincides with an intermediate or periodic type inspection on the aircraft.

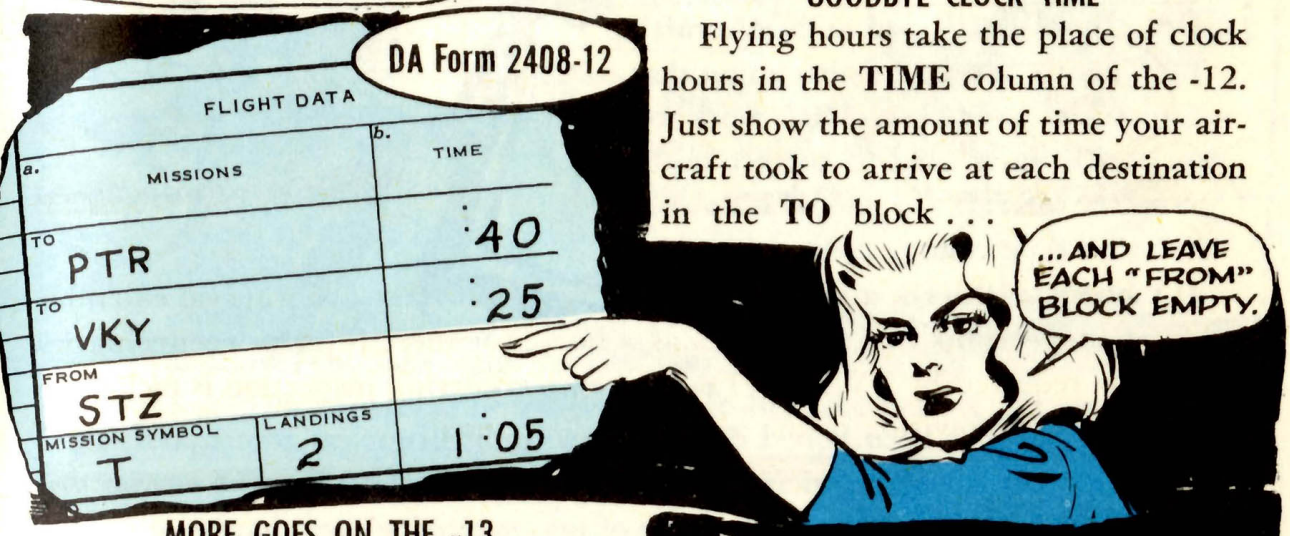
On either the calendar date or hours each inspection becomes due, you write it in Block 17 of the -13 as "inspection due" type entry, with a red horizontal

dash in the status column. Once the inspection has been signed off on the -13, go back to the -18 and erase the old date or time, writing in the new "next due" entry in Block 8. (It's obvious this is a pencil entry.)



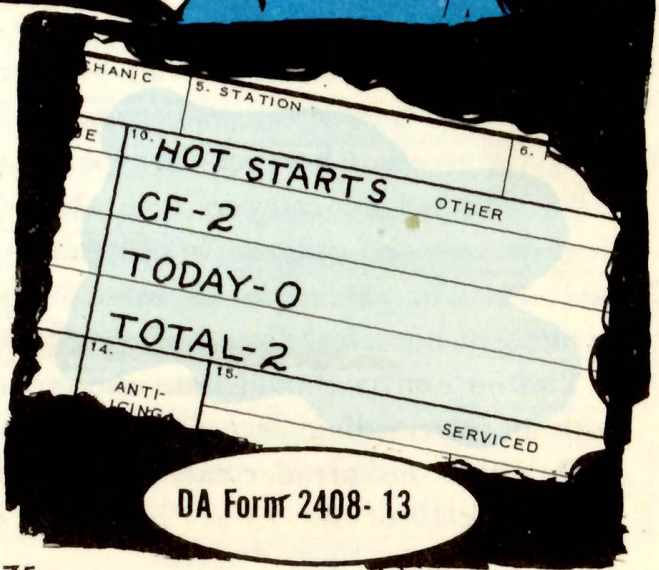
GOODBYE CLOCK TIME

Flying hours take the place of clock hours in the **TIME** column of the -12. Just show the amount of time your aircraft took to arrive at each destination in the **TO** block . . .



MORE GOES ON THE -13

Block 10 is the right place for turbine engine **hot starts**. Mention both quantity for the day—even zero—and total to date in each entry. And when a hot start occurs, put the write-up . . . including actual temperature . . . in Block 17. For reporting purposes, you write up hot starts only if EGT goes over max temps called out in your aircraft's -10 under engine operation limitations.



You also use a minus **(-)** sign in **Blocks 11** and **12** whenever you drain fuel or oil. Helps eliminate confusion on how much fuel and oil that aircraft consumed on a given day.

SERVICE NO.	FUEL (Gals or Lbs) GRADE	ADDED	TOTAL IN TANKS	OIL (Quarts) GRADE	ADDED NO. 1 ENG	TOTAL IN TANKS	ADDED NO. 2 ENG
1	115/145		29	1100		8	
2	115/TCP 145	15	29	1100	2	8	
3	115/TCP 145	7	29	1100		8	
4	115/145	-29	0	1100	-8	0	
5							
6							
7							
TOTAL		-7			-6		

DA Form 2408-13

Oil dilution requires a statement in **Block 17** covering: 1) duration of each dilution, 2) OAT and 3) oil temp. Oil dilution does not affect status of aircraft and needs no followup action.

16. STATUS	17. FAULTS AND/OR REMARKS	18. ACTION TAKEN	19. SIGNATURE
	10 SEC OIL DILUTION, -5°C OAT, 4°C OIL TEMP	N/A	L. Benson

DA Form 2408-13

STAPLE 2404 TO -13

DA Form 2404

For aircraft dailies, **all faults detected** (corrected and uncorrected) go on the 2404 form—which is then stapled or paperclipped to the aircraft's -13. Uncorrected faults also go on that -13 and, if needed, a 2407 work request. All parts used to correct faults go on the aircraft's -3 and, if it's a condition or time change component, also on the -16.

THE -15 IS HISTORICAL

The new -15 has been honed down to a straight historical record and is not supposed to include any servicing type entries. Examples of the type entries this form should be restricted to are reports of major repairs—overhauls—one-time inspections of the entire aircraft—accidents—or exposure to unusual conditions, such as salt water spray, radiation, storms or extremely dusty areas.

To differentiate between the type of entries going on the -13 and -15, all minor repair and incident category items should be put in Block 17 of the -13. All accident damage and radioactive contamination entries should be listed on both -13 and -15. The -13 serves as **interim** operational status record and -15 as permanent historical record.

Each -15 entry should have the date in front, name and location of unit or activity behind—and include total flying hours to that date. With an accident entry, make additional remarks explaining how or why damage was done, if info's available.

WHEN DIRECTIVES ADD INSPECTIONS

Any time an aircraft TM is supplemented by an interim or formal directive, the supplemental instructions may include new inspection requirements. If so:

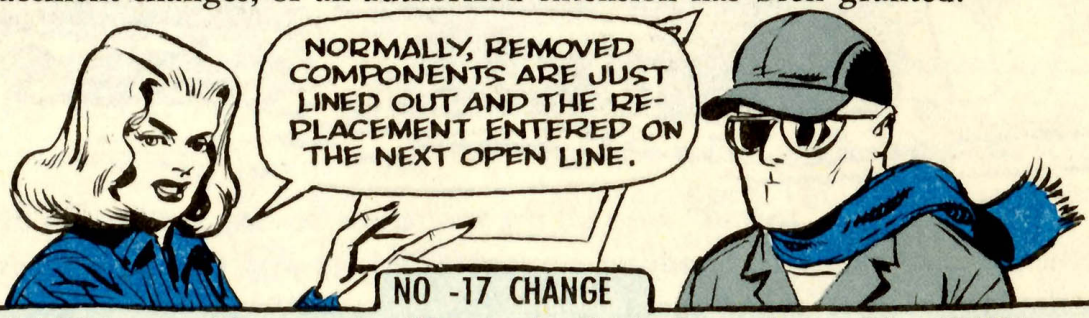
Component modifications and one-time inspections are both entered on the -15 for that component.

Airframe modifications go on airframe -5, but one-time inspections belong on aircraft's -15.

Recurring inspections you enter on the -18 by title or subject. And when each comes due, Block 17 of the -13 will state: "Recurring Requirement" and message number—followed by "Initial Compliance Completed" in Block 18, Block 19 signature and dash clearance.

FOOTNOTES ON THE -16

You can use footnotes to explain lined out entries—such as when TBO or time to replacement changes, or an authorized extension has been granted.



NO -17 CHANGE

TM 38-750 says this record will contain Basic Issue Items List (BIIL) and other items assigned to aircraft. Appendix III of each aircraft -10 states: "The inventoriable items are contained in DA Form 2407-17 . . ." So the -17's still a do-it-yourself form.

THE NEW 2410 FORM

The number's the same, but the Component Removal and Repair/Overhaul Record has been expanded into a six-copy form. Like before, it's used as a go-between for -16 components not installed on an aircraft. Filling it out is just about the same as before at using unit level.

As for the 2410-1 Transaction Report, forget it. This is for your maintenance and supply support activities to use.

AIR ITEM EIR INCLUDED

The EIR procedure for air items has been included in the revised TM 38-750 under para 3-7.4.3. It's a word-for-word pickup from superseded TB AVN 23-68.

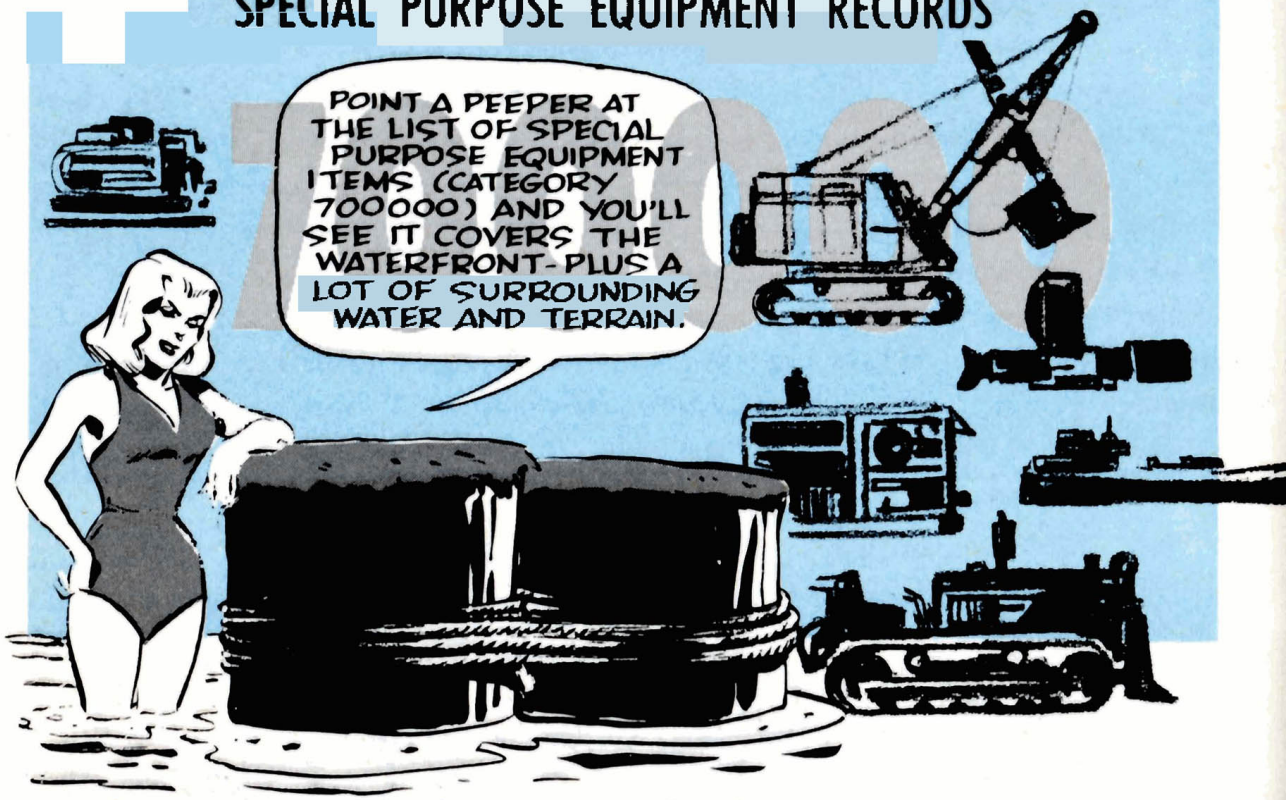
PERMANENT LOG RECORDS

The permanent forms: -5, -7, -8, -15, -16, -17 and -18. They always remain with a given tail number and go along with transfer of accountability.

CHUTE LOG'S UNCHANGED

The Army Parachute Log Record (DA Form 10-42), dated 1 November 1961, has had no changes. Instructions are still in same para 25 of AR 750-1670-2.

SPECIAL PURPOSE EQUIPMENT RECORDS



This equipment "spread" runs all the way from floating equipment thru construction and materials handling equipment ashore and to sniperscopes in the perimeter defenses 'round about.

OPERATIONAL RECORDS

In this category like in others, you use the operator records, DA Form 348 and SF 46, for qualification of operators of self-powered and towed type equipment.

General rules on use of these forms are found in AR 600-55. Some special rules on Engineer type items are in AR 600-58 and TB 5-505-1.

Just keep in mind that self-powered equipment includes such items as stationary generators that just sit and gen as well as mobile and towable rigs. It also includes your battery-powered forklifts.

Dispatch and control records also have to be kept for self-powered and towed Special Purpose Equipment. These are the DA Form 2400 (or the equipment log) and DA Form 2401. They're kept in the same way as for combat vehicles except that you won't need mileage and departure and arrival entries on forms for stationary items like pumps and generators.

(If the commander wants 'em for tighter control, the dispatch and control forms can be required even for floating equipment or for equipment that's not self-powered or towed. It's his say-so.)

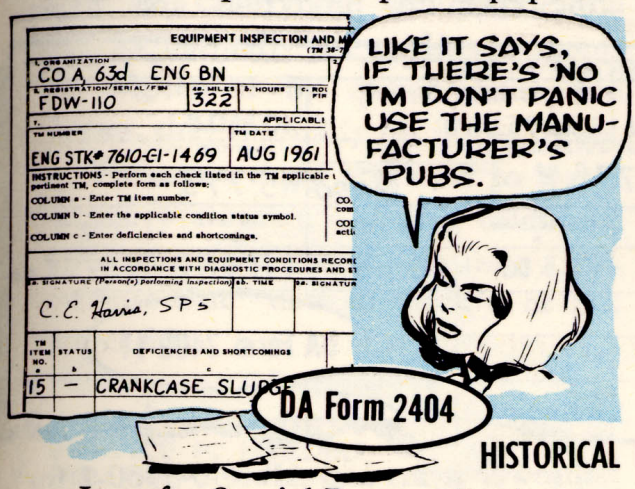
The SF 91 accident report form is used for self-powered and towed Special Purpose Equipment on dispatch the same as for combat vehicles.

In the Special Purpose Equipment category you use the Maintenance Record forms as needed in the same way as for other equipment. Use DA Form 2402 for parts that are direct exchange items and the DD Form 314 for equipment that requires scheduled maintenance.

DA Forms 2405, 2407, and 2407-1 are used as needed when you ask for maintenance work on your equipment at higher echelons (including any calibration needed on equipment or tools). And, o'course, the DA Form 2407—and 2407-1, if needed—for sending in separate EIR's and MWO accomplishments.

DA Form 2404 is used across the board for inspections. But DA Form 2406 is used only for items listed in Appendix III and para 3-6 of TM 38-750 which spells out the using outfits that are required to make the report. Commands below DA level also may require the report of additional items like it says in para 3-6b(1)(b).

You may find a few special quirks when filling out Maintenance Record forms for Special Purpose Equipment. F'rinstance, some items may be covered by a manufacturer's manual when there's no Army TM. In such cases, you enter the manufacturer's manual number in the "Applicable Reference" space on DA Form 2404 with the date of the manual. In this situation, you can use the manufacturer's manual paragraph, or page, in the column headed "TM Item No."

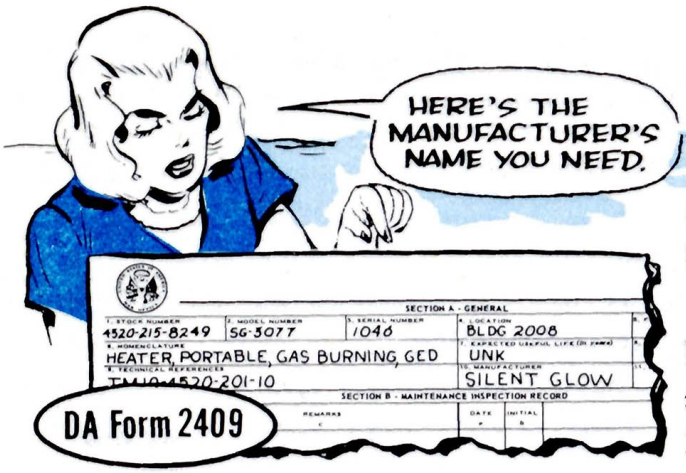


HISTORICAL RECORDS

Logs for Special Purpose Equipment range from the single-card DA Form 2409 Consolidated Log to a Log Book with applicable inserts.

The Consolidated Log DA Form 2409 is a permanent record and the form is the same one that's been in use since the first Army-wide TM 38-750 was issued. So, on equipment that has this Log issued with it or already made up, you'll have a breeze. Just keep it up-dated. Note, tho, that for items where you use a DA Form 2408-3, you don't need to record organizational repairs in Section C of the 2409.

You may find, tho, that some items have been added to the list that get the Consolidated Log. If you have to make up a DA Form 2409 for a Special Purpose Equipment item, you may need to enter in block 9 the manufacturer's manual or pamphlet (with number, if it has one) in case there's no Army TM. Also, the name of the manufacturer in block 10 is especially important for some items in this category since it's sometimes the only sure way to identify 'em.



When a Log Book is required for Special Purpose Equipment, including the rail and floating equipment that's been added, it's made up of the Binder, FSN 7510-889-3494, and the combination of cards listed for that particular category of equipment in para 4-26 of TM 38-750.

(block 5), you write "None" in these blocks.

5. None

Get the date of manufacture from block 10 on the Equipment Acceptance and Registration Record (DA Form 2408-8). If no date shows on this form and none's found on the equipment's data plates, write "Unk" in this block.

You get info needed for block 6 (maximum repair allowance) and block 7 (maximum miles and/or hours) from regulations that apply to the equipment. These are AR 750-314 for the chemical protection and flame

ACCUMULATIVE REPAIR COST RECORD

1. NOMENCLATURE	2. REGISTRATION NUMBER	3. SERIAL NUMBER
TRUCK, LIFT, FORK, ROUGH TERRAIN	10L95569	107408

4. DATE (From Mfg Nomenclature Plate)	5. ADMINISTRATION NO.	6. MAX REPAIR ALLOWANCE	7. MAX MILES	7. MAX HOURS	8. ACQUISITION COST
1 NOV 58	A7	$15,775.00		9600	$15,775.00

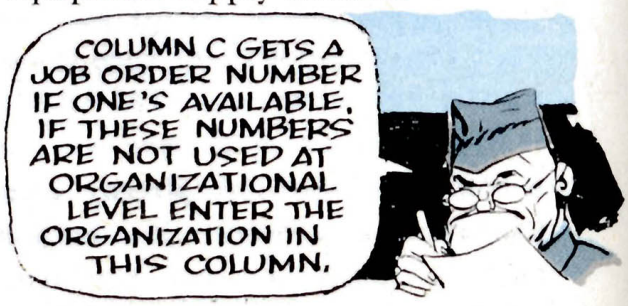
DATE a	b MILES	b HOURS	JOB ORDER NO. c	MAN HOURS d	LABOR COST e	PARTS COST f	JOB TOTAL g	ACCUMULATIVE h
11 JUL 64		6432	966	8.5	$25.50	$88.37	$113.87	$8,757.66

DA Form 2408-11

thrower items and AR 750-3900-1 for the forklifts.

Most forms used for combat vehicles also apply in this category. In addition, DA Form 2408-11 (Accumulative Repair Cost Record) is used for materials handling equipment (730000 category) and the Truck Mounted Flame Thrower Service Unit (770630 category).

The acquisition cost (block 8) may be found on your DA Form 2408-8. If not, you may be able to get it from the equipment supply manual.



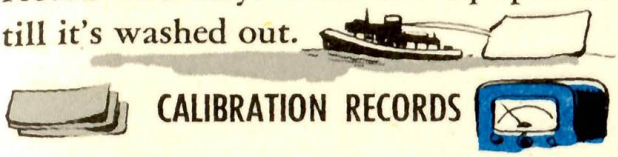
Entries needed on DA Form 2408-11 are obvious in most cases, but here are a few special pointers.

If there's no registration number (block 2) or administrative number

Column d gets the manhours in hours and tenths. See Table VIII in the TM.

Before any maximums set by the regulations are exceeded (repair allowance, miles or hours), a waiver is required and this should be entered on the back of the form, along with any useful info or remarks about the waiver.

DA Form 2408-11 is a permanent record and stays with the equipment till it's washed out.



If equipment in this category has to be calibrated so it'll do its job, DA Forms 2416 and 2417 and DA Label 80 are used to keep track of the calibration.

Since calibration and calibration checks normally are at direct support or higher or by special calibration teams, they'll usually fill in the forms.

The main thing you need to watch is the performance of the calibrated equipment and the "Calibration Comparison Due" date in block 8 of DA Label 80.

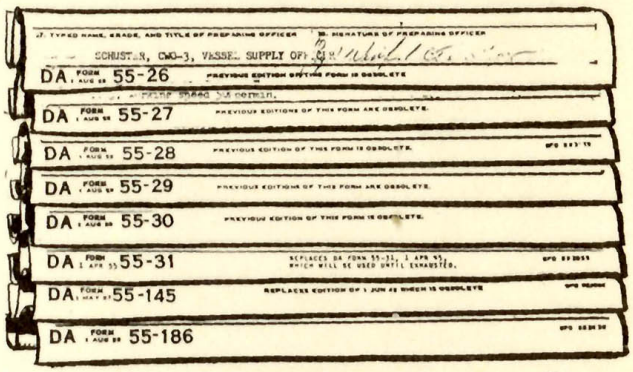
The new hand of cards dealt for Special Purpose Equipment is the special forms for floating equipment description and history. (New, that is, in TM 38-750. The forms have been around for a spell.)

These are the DA 55-series forms, and entries on 'em are to be typed.

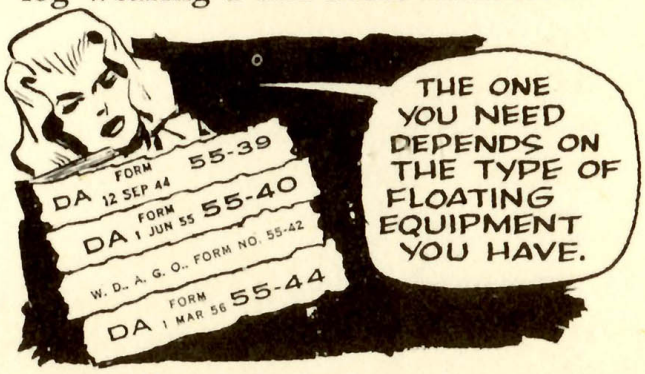
Instructions for their preparation, submission and disposition have not changed. But they're now a part of the TM 38-750 system instead of AR 700-1900-5.

All of these special floating equipment 55-series forms are disposed of according to applicable sections of AR 345-210 and AR 345-215.

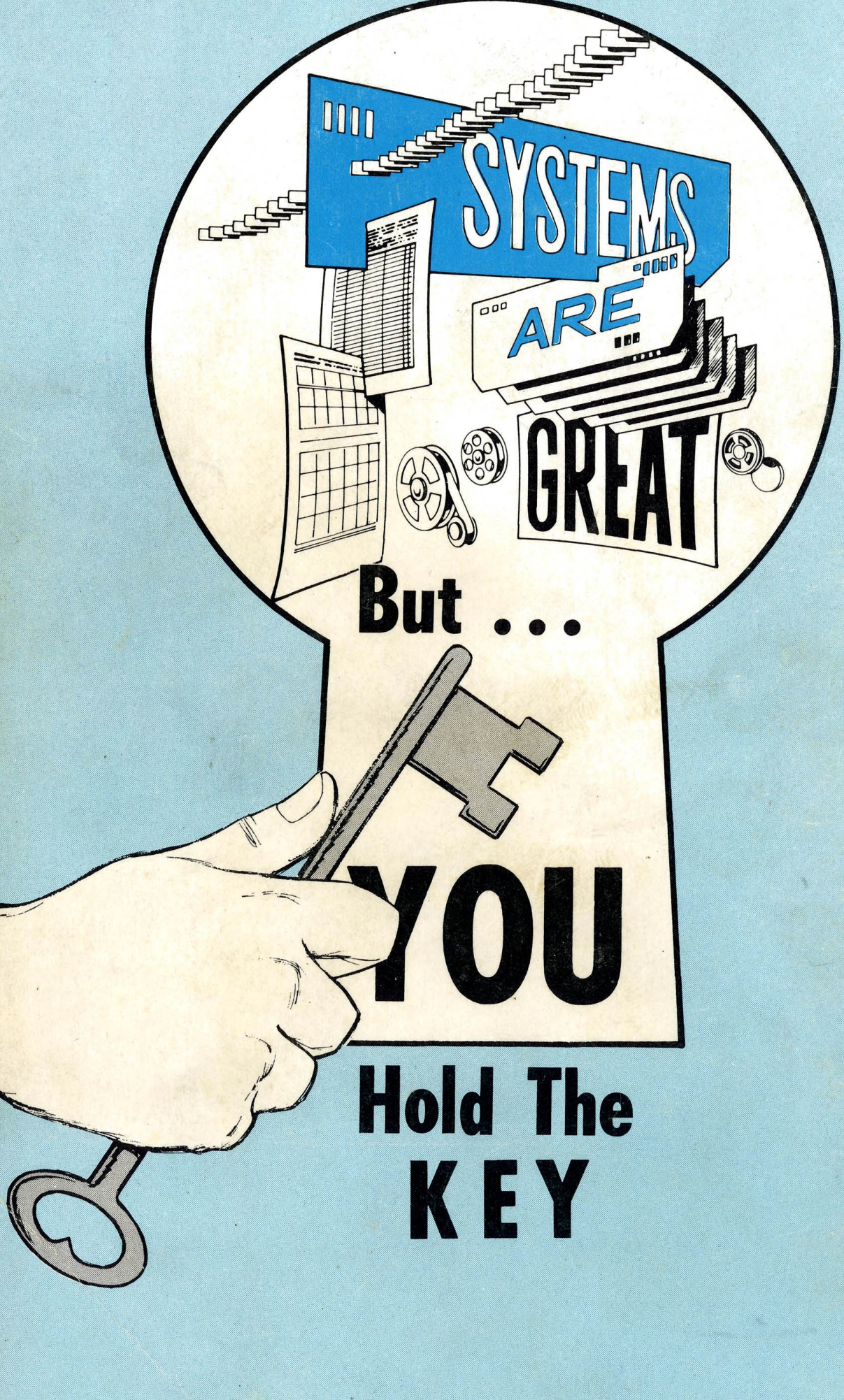
National agency copies of Special Purpose Equipment record forms and Logs will be submitted to addresses listed in Appendix II of TM 38-750.



In addition to the card type of Log Book, your floating equipment in the 750000 category gets an operational log wearing a DA Form number.



They're the same logs now in use for this equipment, and instructions are printed right on 'em.


SYSTEMS
ARE
GREAT
But . . .
YOU
Hold The
KEY